

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092523\
 Data File : VU055502.D
 Acq On : 25 Sep 2023 18:00
 Operator : MD/SY
 Sample : 04581-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYJ10MSD

Quant Time: Sep 26 01:24:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	315124	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	320155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	183136	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	91125	2.861	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.200%
7) Chloroethane-d5	1.911	69	85844	3.058	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.200%#
11) 1,1-Dichloroethene-d2	2.563	65	38195	2.914	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.200%#
20) 2-Butanone-d5	4.628	46	311113	54.081	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.160%
24) Chloroform-d	5.059	84	243250	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.698	65	119142	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.724	84	439085	3.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	6.685	67	145393	4.345	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.894	98	376989	3.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	8.177	79	54085	4.606	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.631	63	191364	53.581	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.160%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	127093	5.068	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	151071	4.087	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	150622	4.910	ug/L	99
3) Chloromethane	1.515	50	132904	4.924	ug/L	96
5) Vinyl chloride	1.602	62	150056	5.153	ug/L	99
6) Bromomethane	1.856	94	71029	3.841	ug/L	98
8) Chloroethane	1.930	64	82227	4.328	ug/L	97
9) Trichlorofluoromethane	2.136	101	186305	4.614	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	120640	4.910	ug/L	98
12) 1,1-Dichloroethene	2.576	96	110545	5.017	ug/L	85
13) Acetone	2.641	43	152003	46.353	ug/L	98
14) Carbon disulfide	2.789	76	349487	5.277	ug/L	99
15) Methyl Acetate	2.949	43	36231	4.846	ug/L	98
16) Methylene chloride	3.039	84	121391	4.599	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	250988	5.251	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	114704	5.165	ug/L	97
19) 1,1-Dichloroethane	3.862	63	212232	5.168	ug/L	99
21) 2-Butanone	4.708	43	246708	51.295	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	140498	5.457	ug/L	97
23) Bromochloromethane	4.972	128	53965	4.959	ug/L	97
25) Chloroform	5.084	83	225490	5.185	ug/L	100

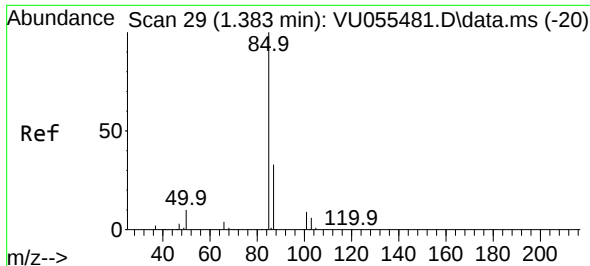
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	129309	4.849	ug/L #	95
29) 1,1,1-Trichloroethane	5.313	97	195121	5.346	ug/L	99
30) Cyclohexane	5.386	56	176055	5.270	ug/L	99
31) Carbon tetrachloride	5.522	117	166267	5.315	ug/L	97
33) Benzene	5.769	78	490289	5.321	ug/L	100
34) Trichloroethene	6.541	95	131295	5.037	ug/L	99
35) Methylcyclohexane	6.759	83	190597	5.076	ug/L	98
37) 1,2-Dichloropropane	6.788	63	122663	5.090	ug/L	99
38) Bromodichloromethane	7.103	83	150227	5.320	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	177283	5.512	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	599968	54.883	ug/L	99
42) Toluene	7.965	91	521470	5.305	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	140664	5.466	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	90614	5.363	ug/L	99
47) Tetrachloroethene	8.550	164	101397	5.423	ug/L	99
48) 2-Hexanone	8.682	43	449231	53.024	ug/L	95
49) Dibromochloromethane	8.804	129	96718	5.460	ug/L	97
50) 1,2-Dibromoethane	8.920	107	86021	5.486	ug/L #	99
51) Chlorobenzene	9.444	112	330267	5.246	ug/L	97
52) Ethylbenzene	9.566	91	562008	5.334	ug/L	95
53) m,p-Xylene	9.692	106	218321	5.529	ug/L	100
54) o-Xylene	10.097	106	208559	5.432	ug/L	95
55) Styrene	10.113	104	350222	5.642	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.779	83	105557	5.534	ug/L	98
59) Bromoform	10.287	173	55574	5.662	ug/L	99
60) Isopropylbenzene	10.483	105	556636	5.274	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	73972	5.174	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	450324	5.335	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	438097	5.303	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	268119	5.306	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	260727	5.162	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	244962	5.287	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	13678	5.520	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	184647	5.306	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	144336	5.440	ug/L	100
71) Naphthalene	14.084	128	210344	5.476	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	126220	5.467	ug/L	97

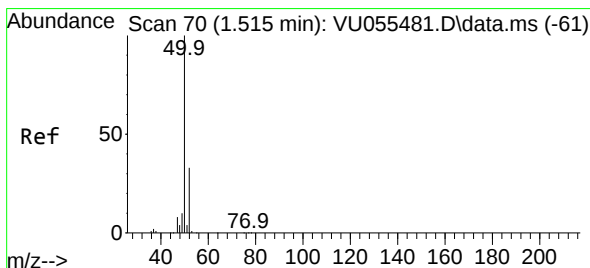
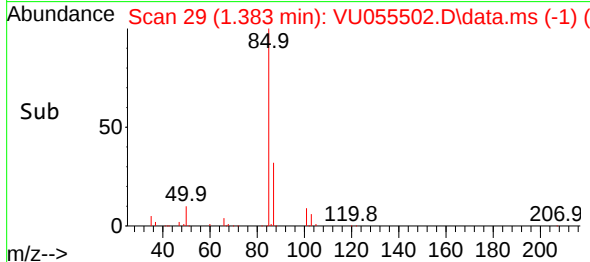
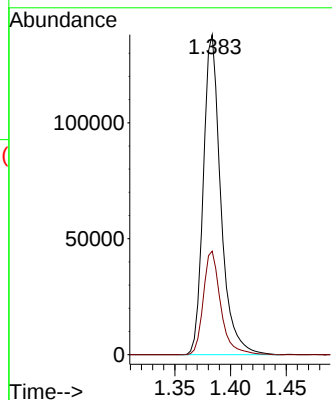
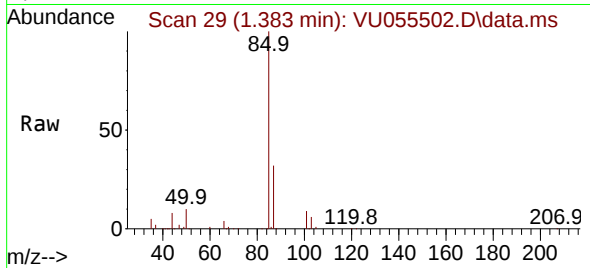
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.910 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

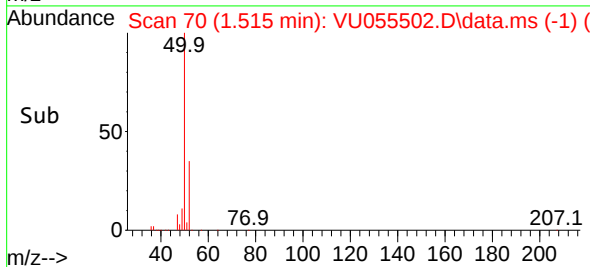
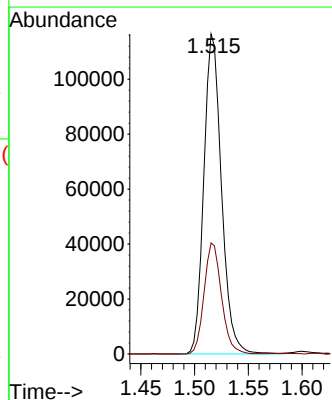
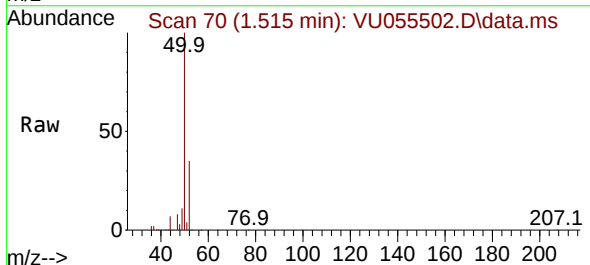
Instrument :
MSVOA_U
ClientSampleId :
EYJ10MSD

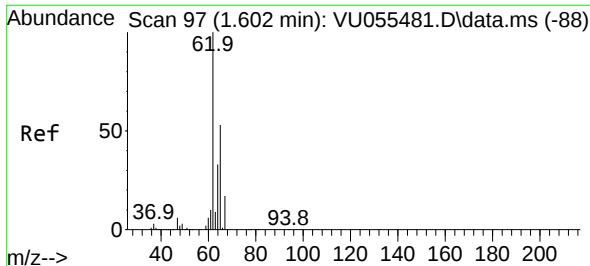
Tgt Ion: 85 Resp: 150622
Ion Ratio Lower Upper
85 100
87 32.2 26.0 39.0



#3
Chloromethane
Concen: 4.924 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

Tgt Ion: 50 Resp: 132904
Ion Ratio Lower Upper
50 100
52 34.7 22.9 42.5

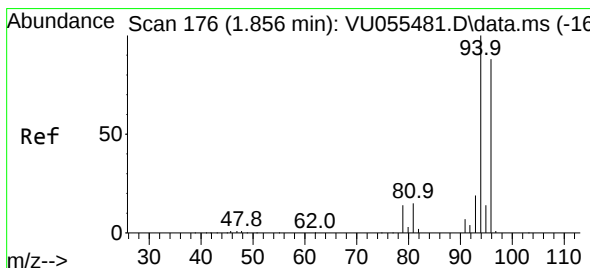
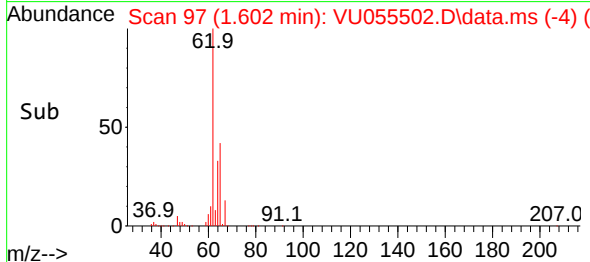
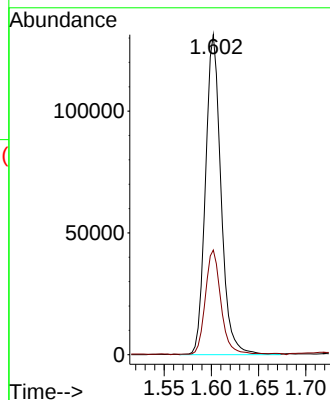
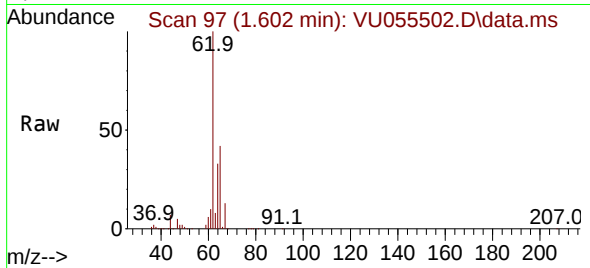




#5
 Vinyl chloride
 Concen: 5.153 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055502.D
 Acq: 25 Sep 2023 18:00

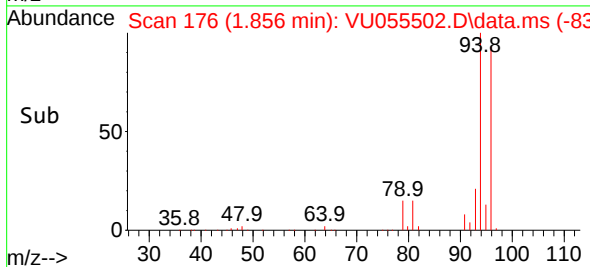
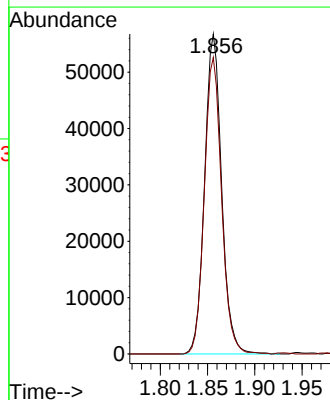
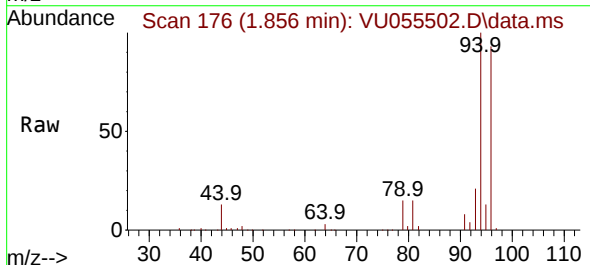
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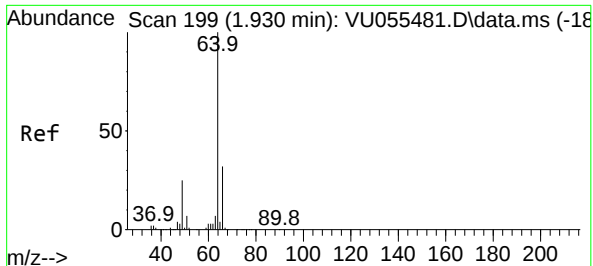
Tgt Ion: 62 Resp: 150056
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.3 41.5



#6
 Bromomethane
 Concen: 3.841 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU055502.D
 Acq: 25 Sep 2023 18:00

Tgt Ion: 94 Resp: 71029
 Ion Ratio Lower Upper
 94 100
 96 92.7 66.4 123.2

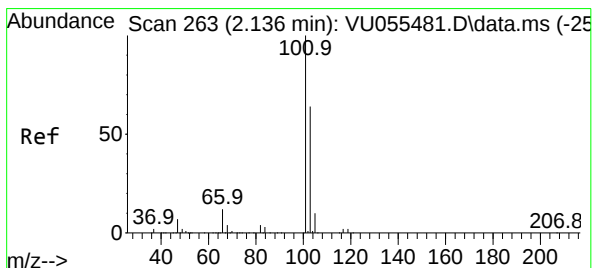
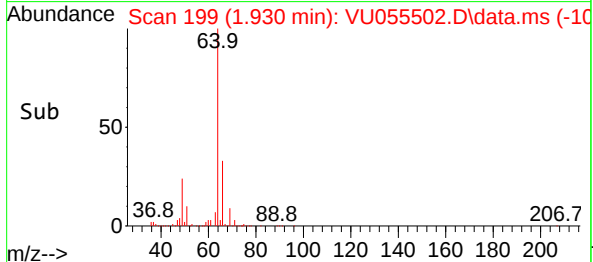
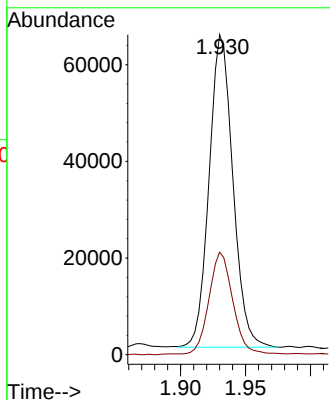
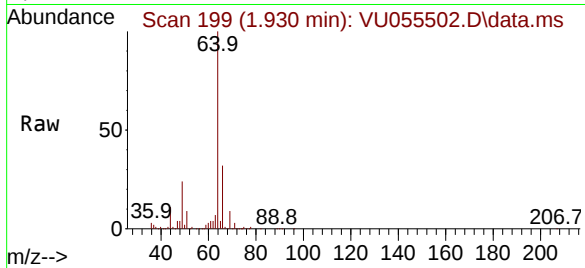




#8
Chloroethane
Concen: 4.328 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

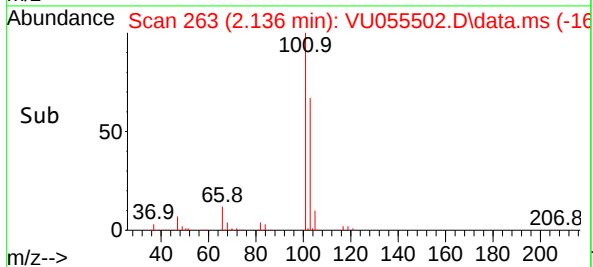
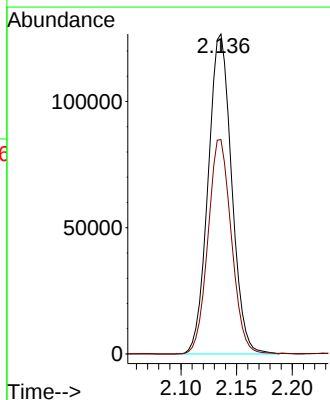
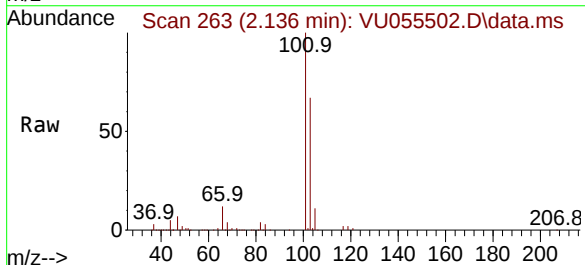
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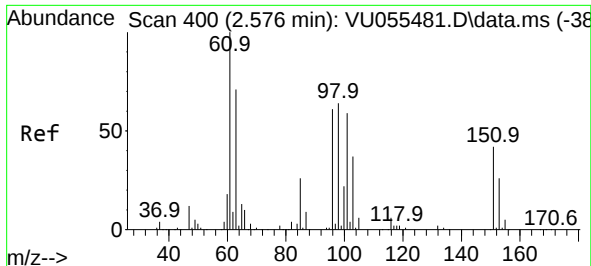
Tgt Ion: 64 Resp: 82227
Ion Ratio Lower Upper
64 100
66 32.0 23.7 44.1



#9
Trichlorofluoromethane
Concen: 4.614 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.007 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

Tgt Ion: 101 Resp: 186305
Ion Ratio Lower Upper
101 100
103 66.8 52.0 78.0

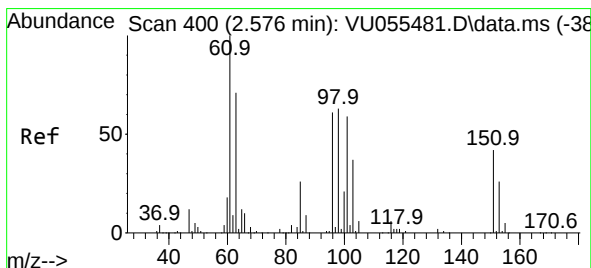
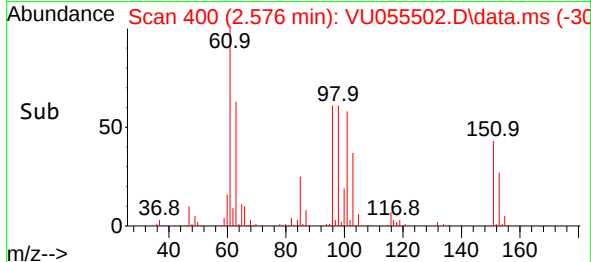
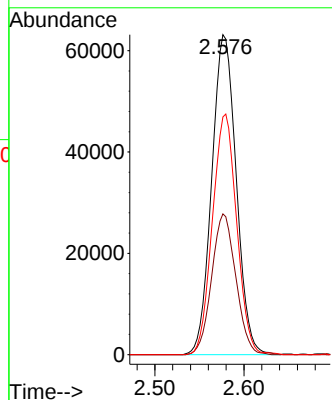
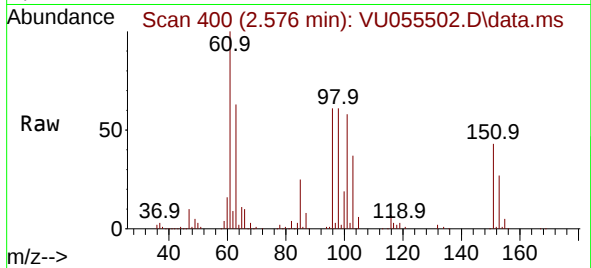




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.910 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU055502.D
 Acq: 25 Sep 2023 18:00

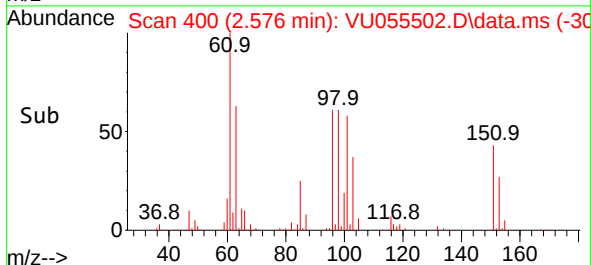
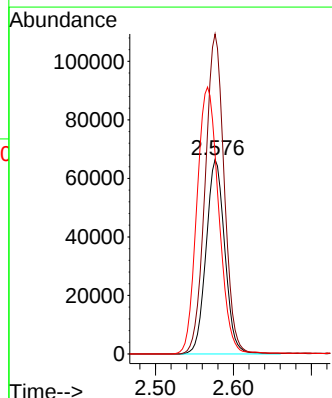
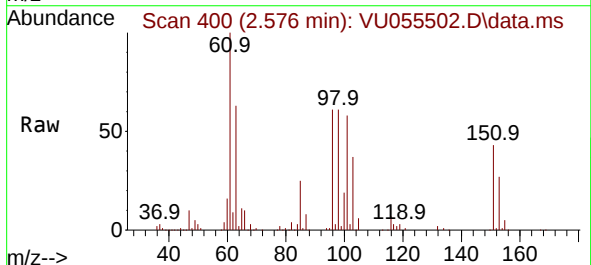
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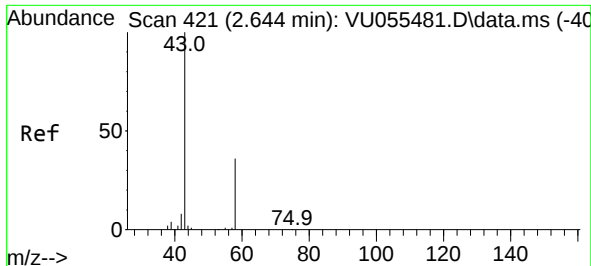
Tgt Ion: 101 Resp: 120640
 Ion Ratio Lower Upper
 101 100
 85 43.4 35.8 53.6
 151 74.5 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 5.017 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU055502.D
 Acq: 25 Sep 2023 18:00

Tgt Ion: 96 Resp: 110545
 Ion Ratio Lower Upper
 96 100
 61 164.6 114.5 212.7
 63 102.9 98.3 182.5





#13

Acetone

Concen: 46.353 ug/L

RT: 2.641 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU055502.D

Acq: 25 Sep 2023 18:00

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MSVOA_U

ClientSampleId :

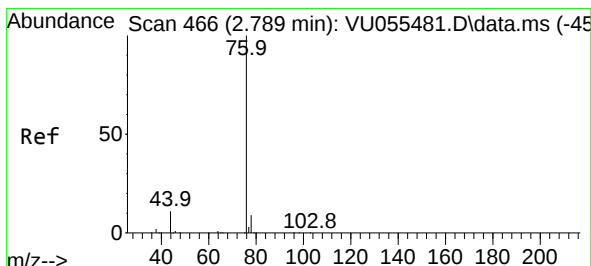
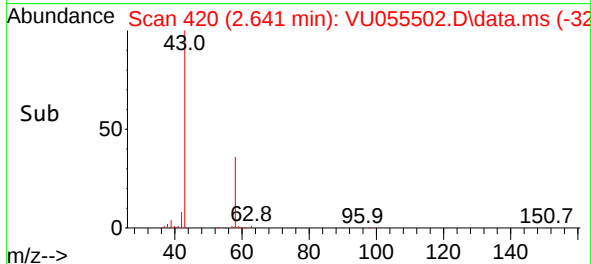
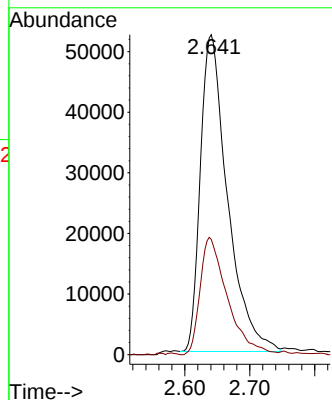
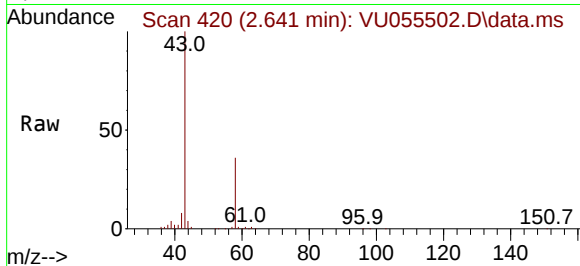
EYJ10MSD

Tgt Ion: 43 Resp: 152003

Ion Ratio Lower Upper

43 100

58 37.2 0.0 72.2



#14

Carbon disulfide

Concen: 5.277 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU055502.D

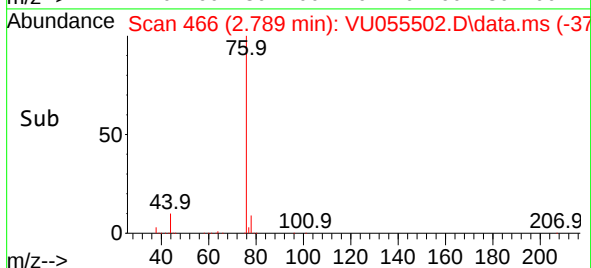
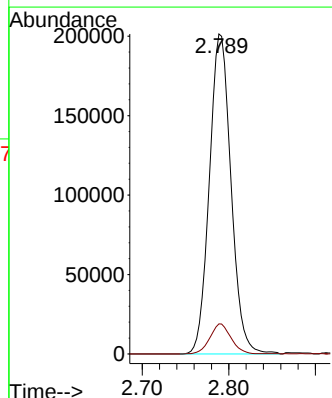
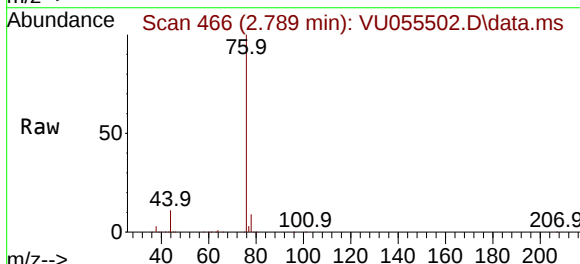
Acq: 25 Sep 2023 18:00

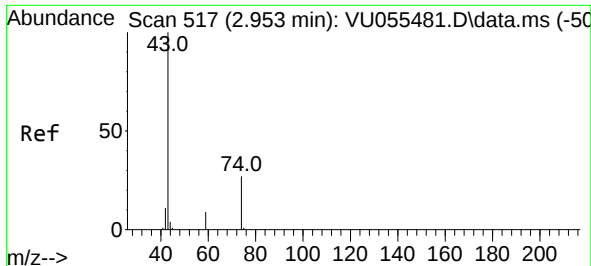
Tgt Ion: 76 Resp: 349487

Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5

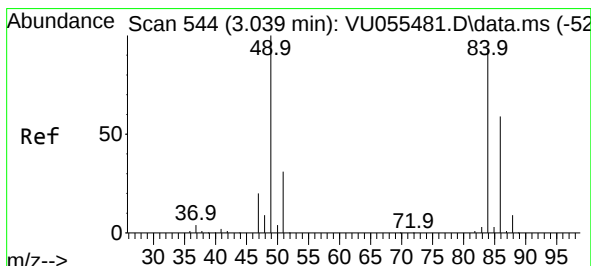
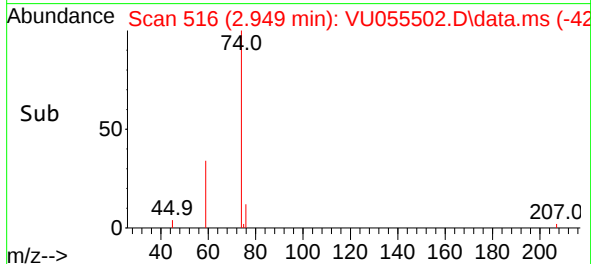
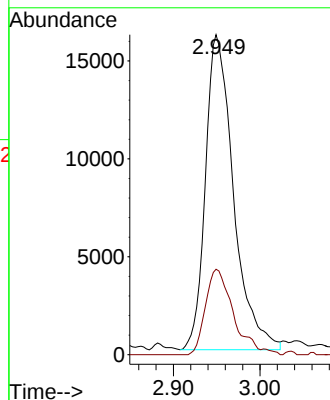
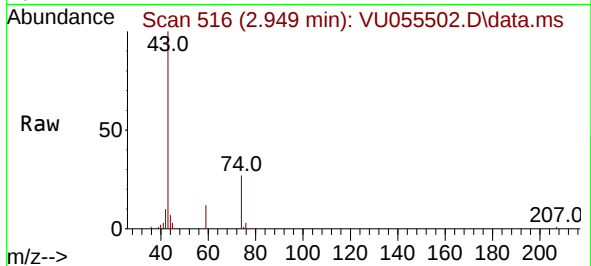




#15
Methyl Acetate
Concen: 4.846 ug/L
RT: 2.949 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

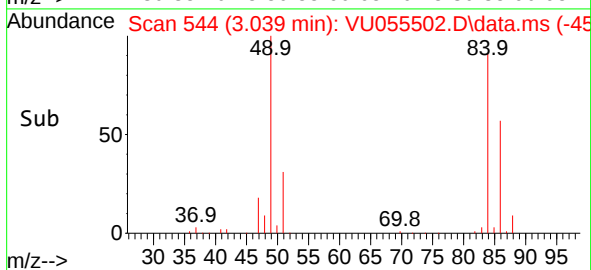
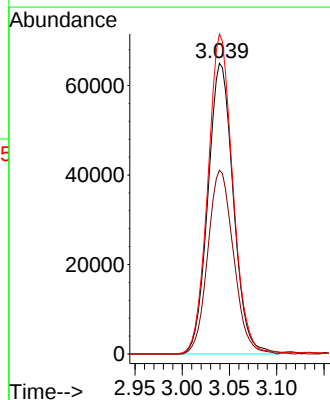
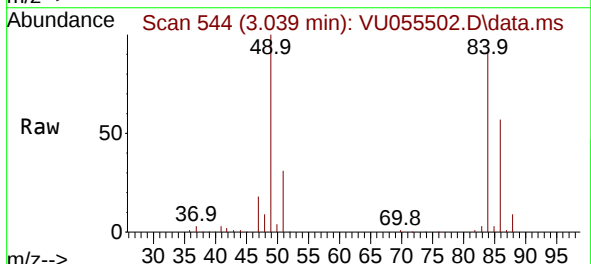
Instrument :
MSVOA_U
ClientSampleId :
EYJ10MSD

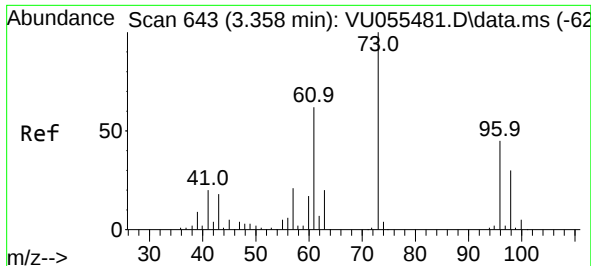
Tgt Ion: 43 Resp: 36231
Ion Ratio Lower Upper
43 100
74 27.1 22.3 33.5



#16
Methylene chloride
Concen: 4.599 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

Tgt Ion: 84 Resp: 121391
Ion Ratio Lower Upper
84 100
86 63.2 44.9 83.3
49 110.0 78.8 146.3

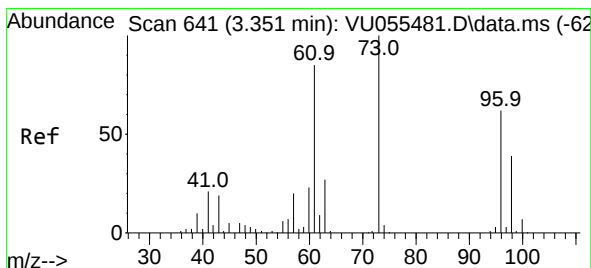
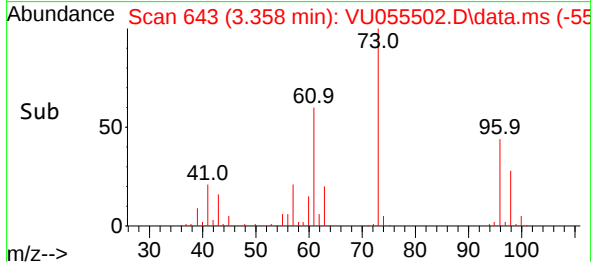
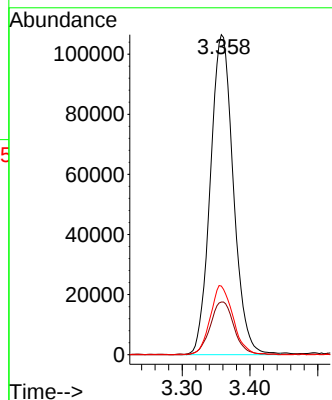
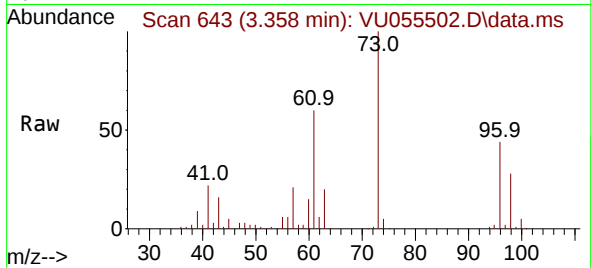




#17
Methyl tert-butyl Ether
Concen: 5.251 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

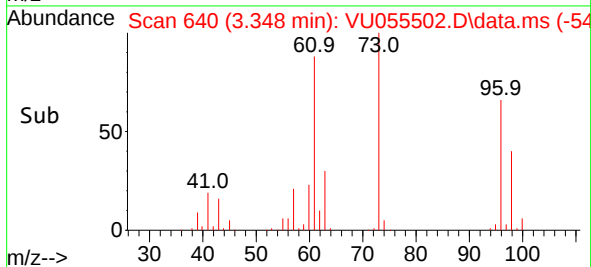
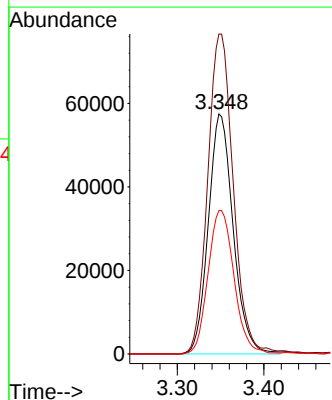
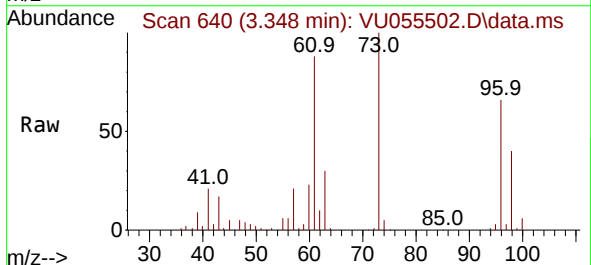
Instrument :
MSVOA_U
ClientSampleId :
EYJ10MSD

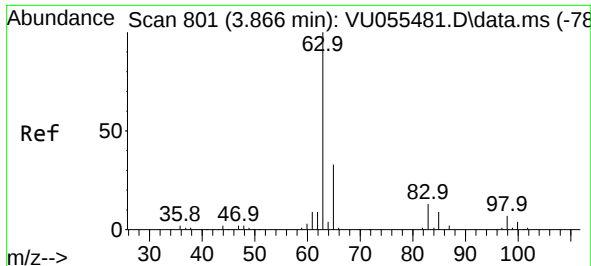
Tgt Ion: 73 Resp: 250988
Ion Ratio Lower Upper
73 100
43 17.1 14.9 22.3
57 21.4 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 5.165 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

Tgt Ion: 96 Resp: 114704
Ion Ratio Lower Upper
96 100
61 133.3 94.6 175.6
98 59.7 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.168 ug/L

RT: 3.862 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU055502.D

Acq: 25 Sep 2023 18:00

Instrument :

MSVOA_U

ClientSampleId :

EYJ10MSD

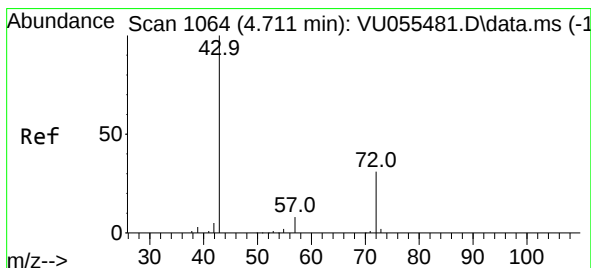
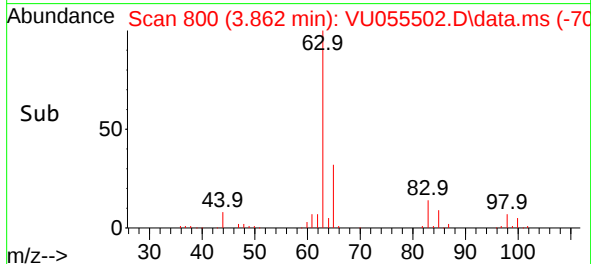
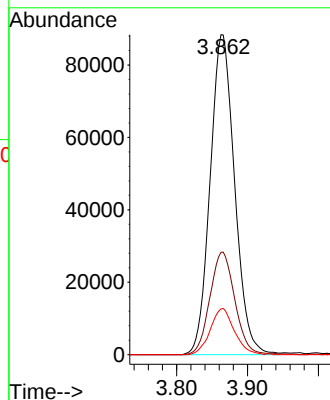
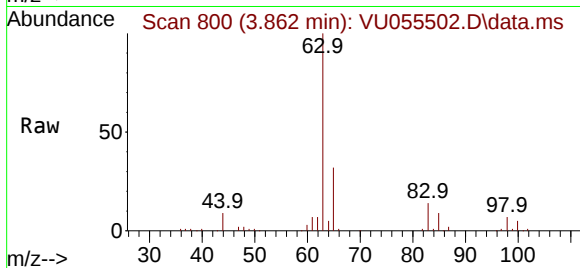
Tgt Ion: 63 Resp: 212232

Ion Ratio Lower Upper

63 100

65 32.0 22.0 41.0

83 14.3 10.1 18.9



#21

2-Butanone

Concen: 51.295 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. -0.003 min

Lab File: VU055502.D

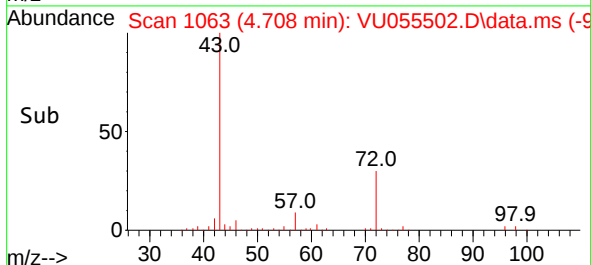
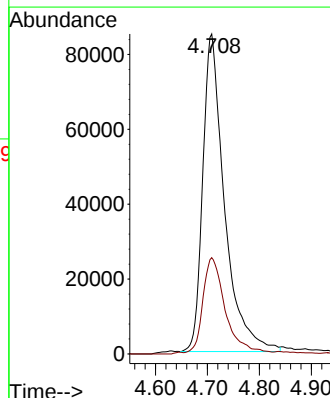
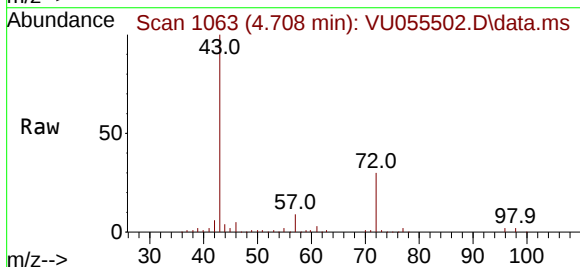
Acq: 25 Sep 2023 18:00

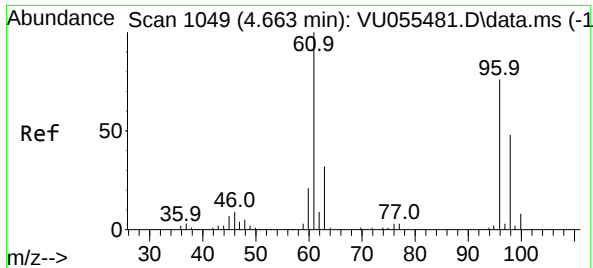
Tgt Ion: 43 Resp: 246708

Ion Ratio Lower Upper

43 100

72 30.0 15.1 45.3

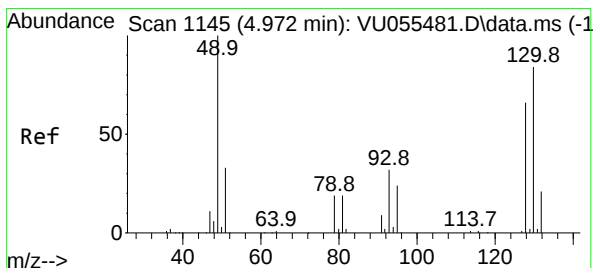
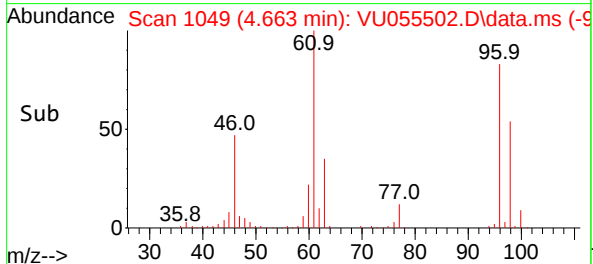
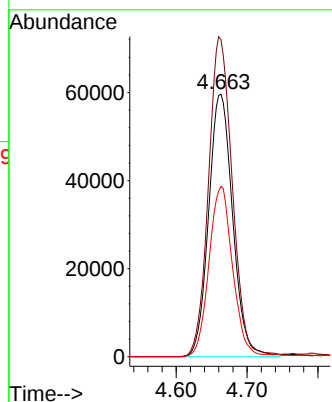
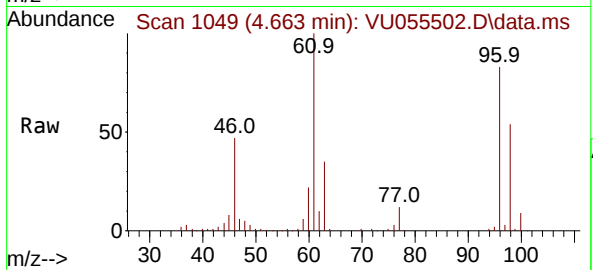




#22
 cis-1,2-Dichloroethene
 Concen: 5.457 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU055502.D
 Acq: 25 Sep 2023 18:00

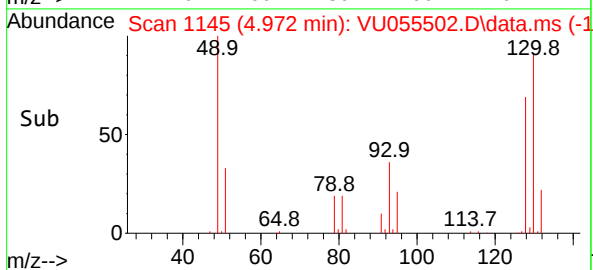
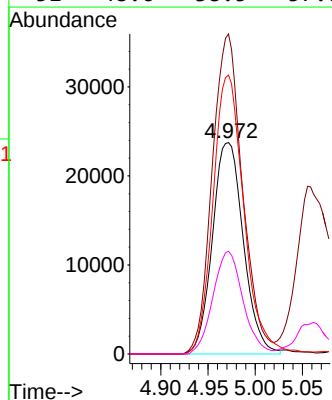
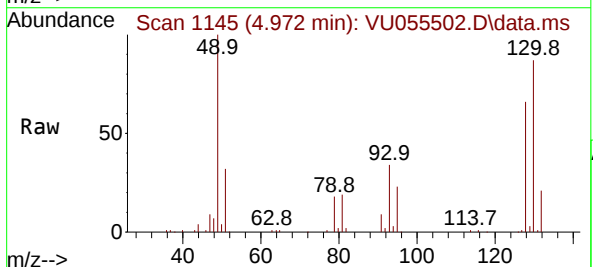
Instrument :
 MSVOA_U
 ClientSampleId :
 EYJ10MSD

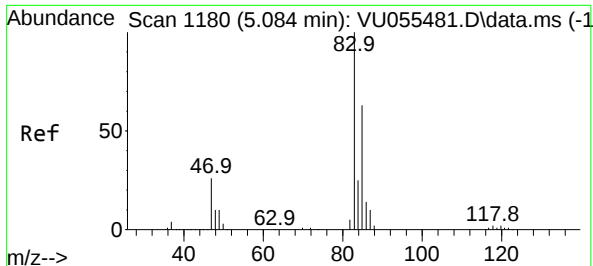
Tgt Ion: 96 Resp: 140498
 Ion Ratio Lower Upper
 96 100
 61 120.8 87.8 163.2
 98 64.9 44.4 82.4



#23
 Bromochloromethane
 Concen: 4.959 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VU055502.D
 Acq: 25 Sep 2023 18:00

Tgt Ion: 128 Resp: 53965
 Ion Ratio Lower Upper
 128 100
 49 151.4 102.8 191.0
 130 131.9 89.9 166.9
 51 48.6 38.5 57.7





#25

Chloroform

Concen: 5.185 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU055502.D

Acq: 25 Sep 2023 18:00

Instrument :

MSVOA_U

ClientSampleId :

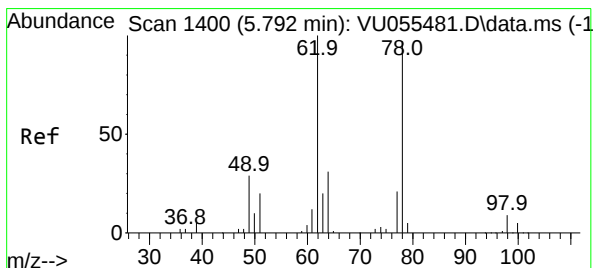
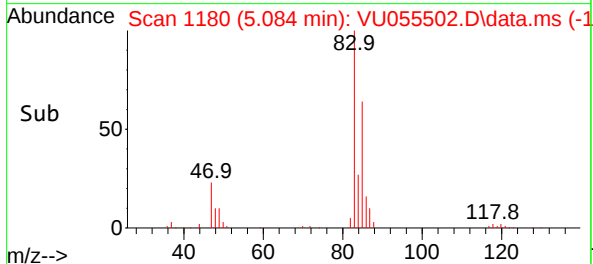
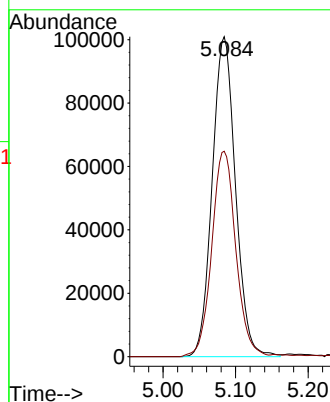
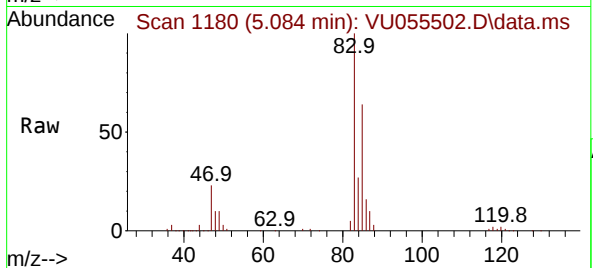
EYJ10MSD

Tgt Ion: 83 Resp: 225490

Ion Ratio Lower Upper

83 100

85 64.2 44.9 83.5



#27

1,2-Dichloroethane

Concen: 4.849 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.000 min

Lab File: VU055502.D

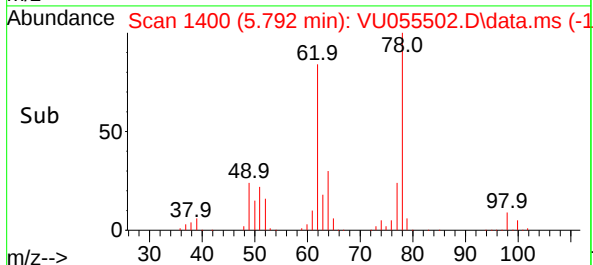
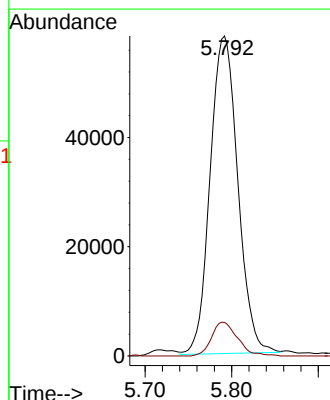
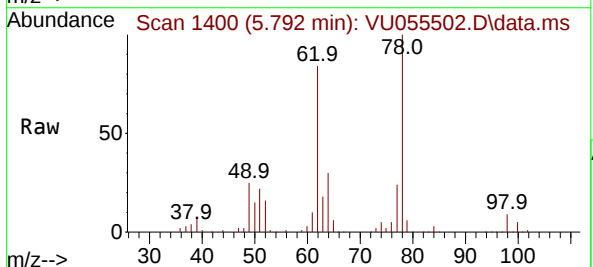
Acq: 25 Sep 2023 18:00

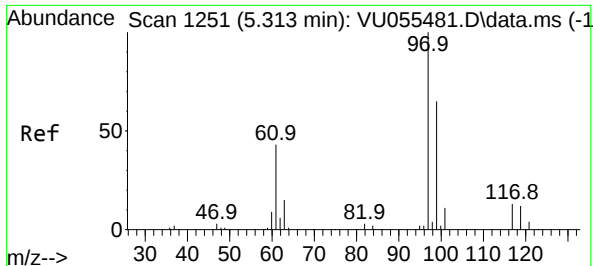
Tgt Ion: 62 Resp: 129309

Ion Ratio Lower Upper

62 100

98 10.5 7.0 10.4#





#29

1,1,1-Trichloroethane

Concen: 5.346 ug/L

RT: 5.313 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055502.D

Acq: 25 Sep 2023 18:00

Instrument :

MSVOA_U

ClientSampleId :

EYJ10MSD

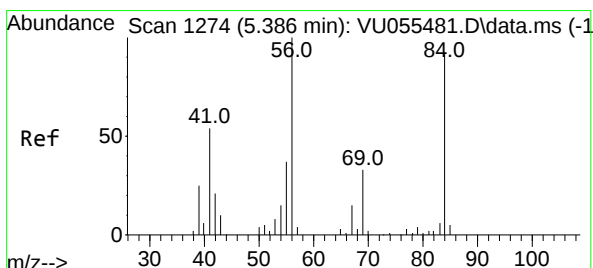
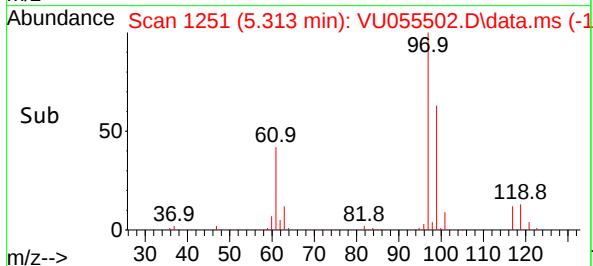
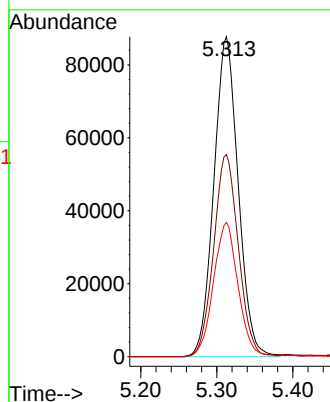
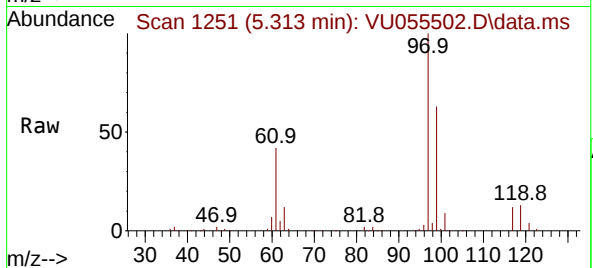
Tgt Ion: 97 Resp: 195121

Ion Ratio Lower Upper

97 100

99 64.3 50.7 76.1

61 42.4 34.6 51.8



#30

Cyclohexane

Concen: 5.270 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.003 min

Lab File: VU055502.D

Acq: 25 Sep 2023 18:00

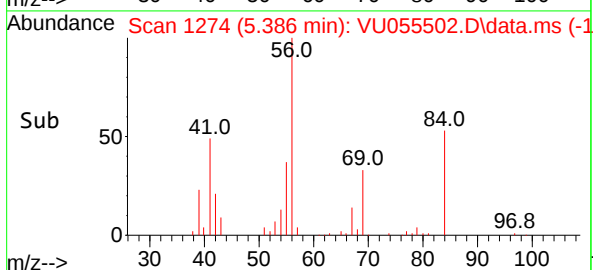
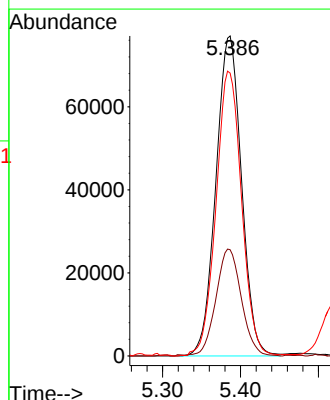
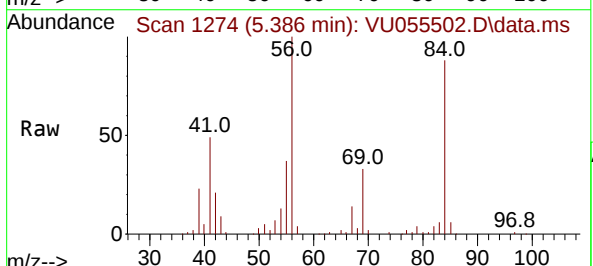
Tgt Ion: 56 Resp: 176055

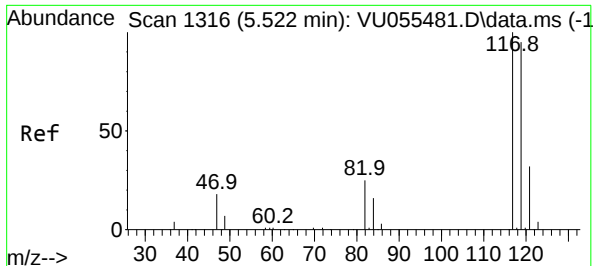
Ion Ratio Lower Upper

56 100

69 33.1 26.5 39.7

84 88.8 72.6 108.8

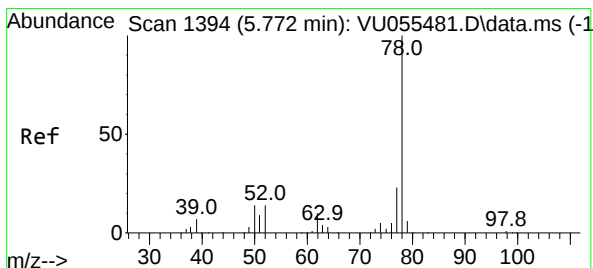
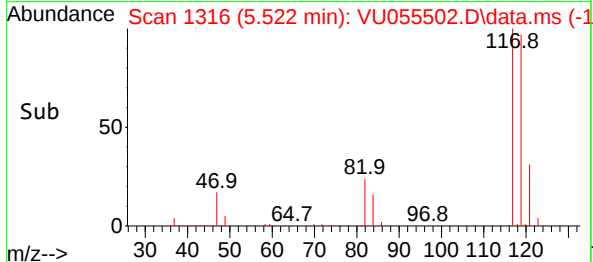
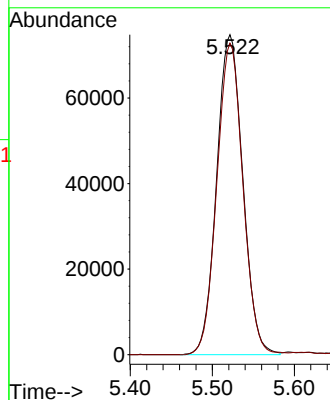
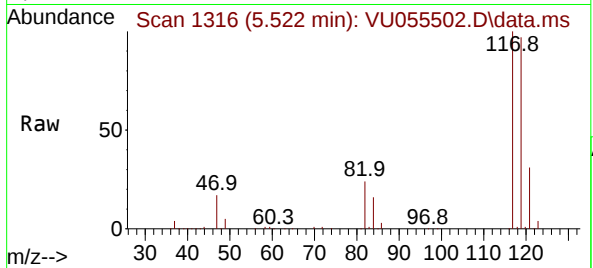




#31
Carbon tetrachloride
Concen: 5.315 ug/L
RT: 5.522 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

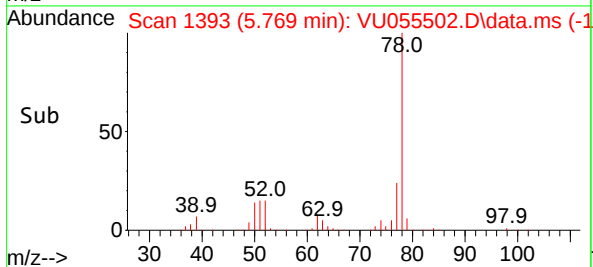
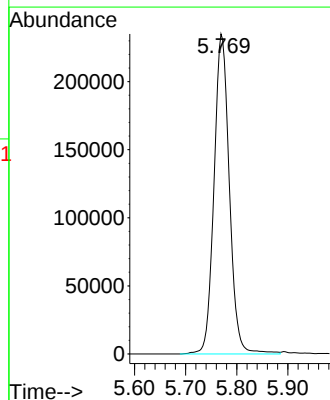
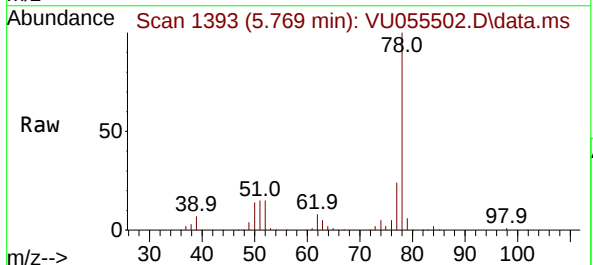
Instrument :
MSVOA_U
ClientSampleId :
EYJ10MSD

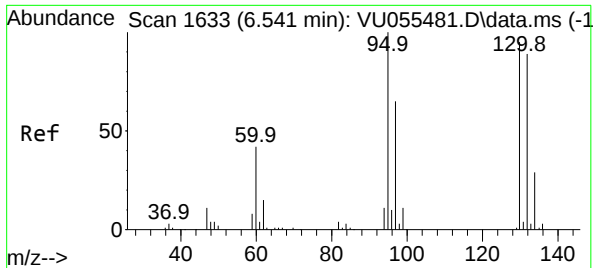
Tgt Ion:117 Resp: 166267
Ion Ratio Lower Upper
117 100
119 96.8 75.2 112.8



#33
Benzene
Concen: 5.321 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

Tgt Ion: 78 Resp: 490289

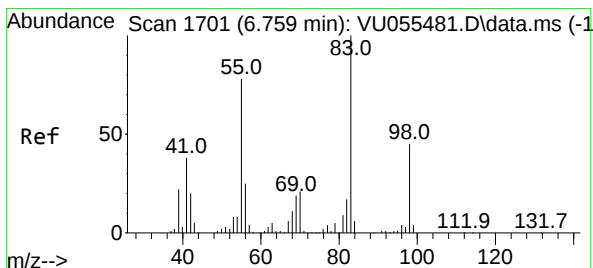
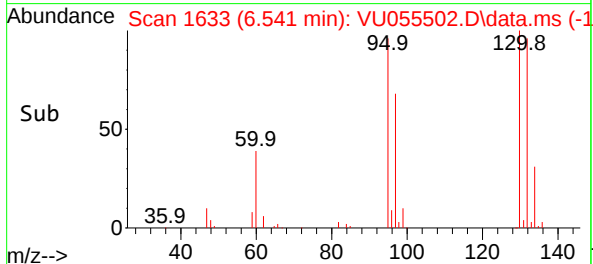
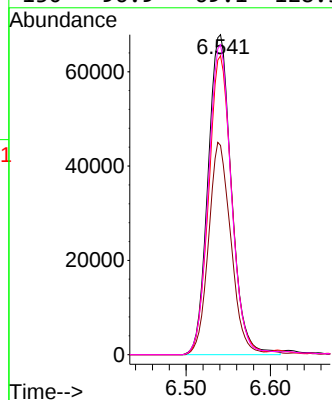
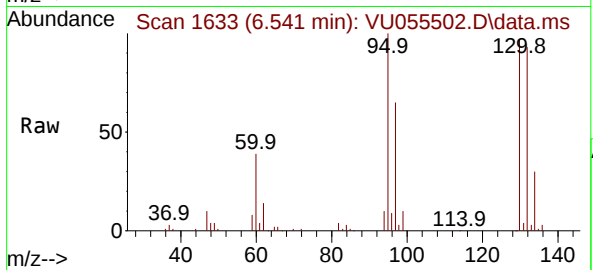




#34
Trichloroethene
Concen: 5.037 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

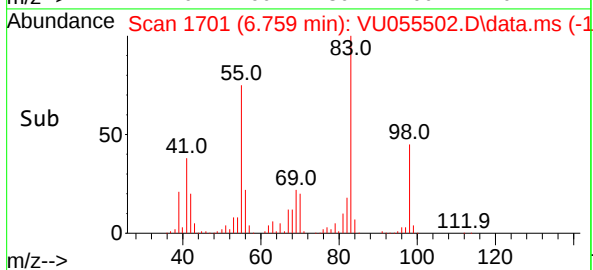
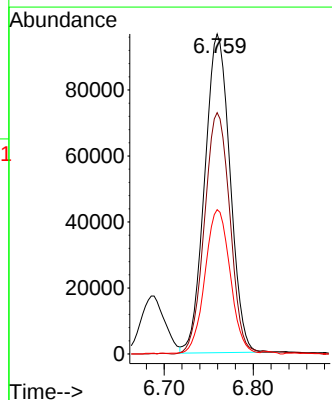
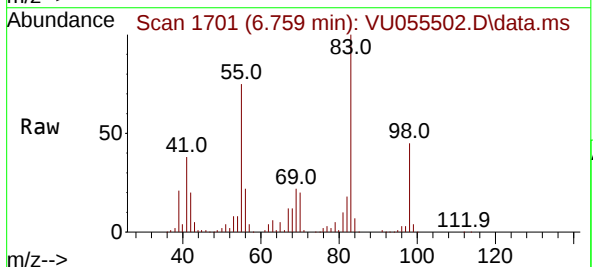
Instrument :
MSVOA_U
ClientSampleId :
EYJ10MSD

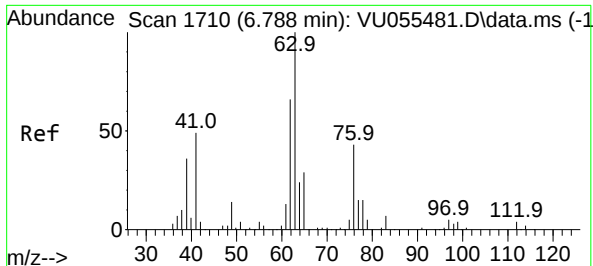
Tgt Ion: 95 Resp: 131295
Ion Ratio Lower Upper
95 100
97 65.4 45.4 84.2
132 93.4 65.2 121.2
130 96.9 69.1 128.3



#35
Methylcyclohexane
Concen: 5.076 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

Tgt Ion: 83 Resp: 190597
Ion Ratio Lower Upper
83 100
55 76.3 59.1 88.7
98 44.7 36.3 54.5





#37

1,2-Dichloropropane

Concen: 5.090 ug/L

RT: 6.788 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055502.D

Acq: 25 Sep 2023 18:00

Instrument :

MSVOA_U

ClientSampleId :

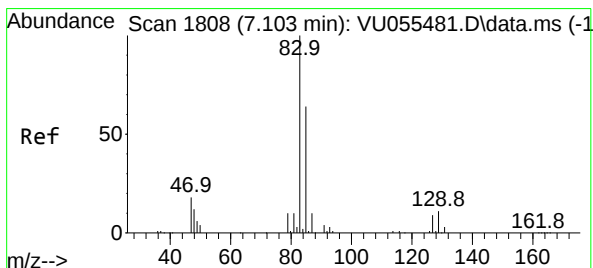
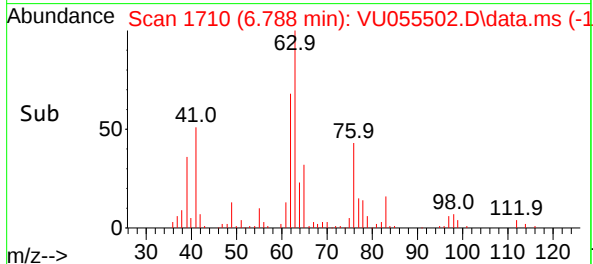
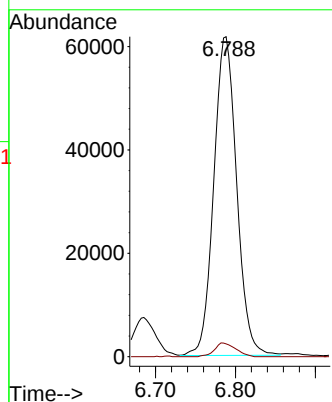
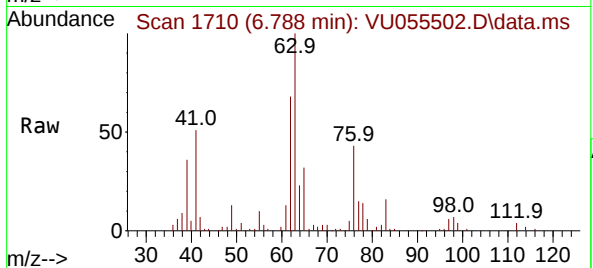
EYJ10MSD

Tgt Ion: 63 Resp: 122663

Ion Ratio Lower Upper

63 100

112 4.0 3.0 4.6



#38

Bromodichloromethane

Concen: 5.320 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU055502.D

Acq: 25 Sep 2023 18:00

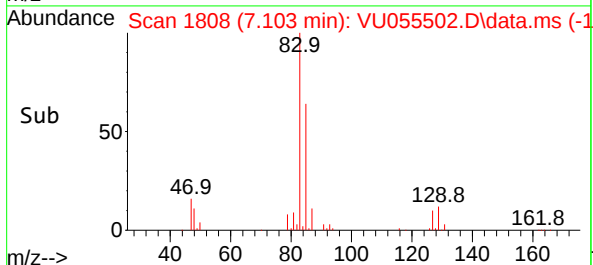
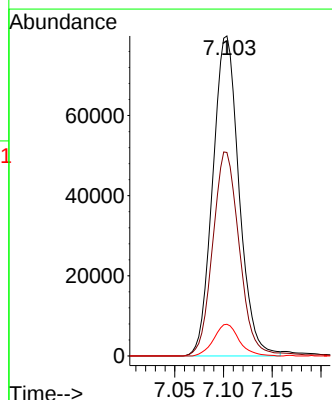
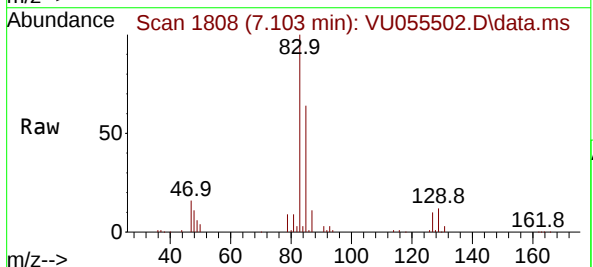
Tgt Ion: 83 Resp: 150227

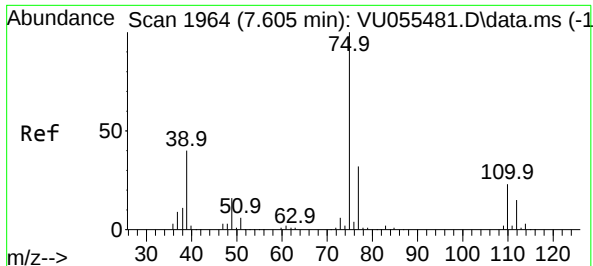
Ion Ratio Lower Upper

83 100

85 63.6 46.8 86.8

127 9.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.512 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU055502.D

Acq: 25 Sep 2023 18:00

Instrument :

MSVOA_U

ClientSampleId :

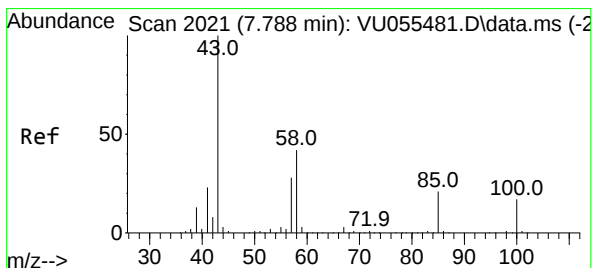
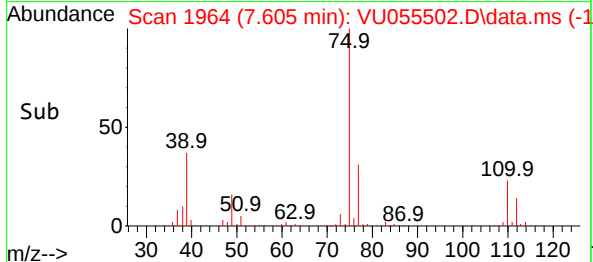
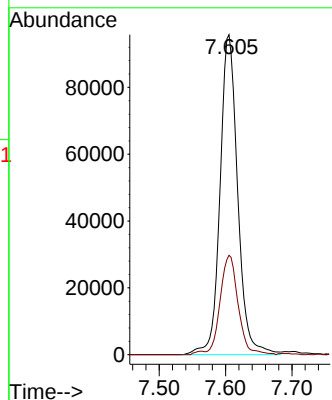
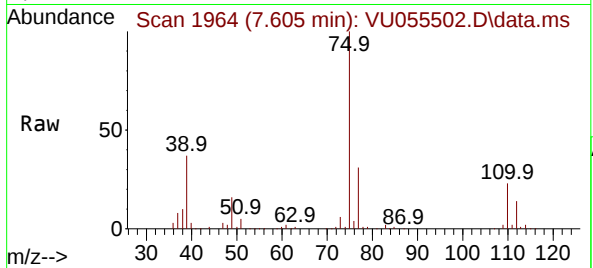
EYJ10MSD

Tgt Ion: 75 Resp: 177283

Ion Ratio Lower Upper

75 100

77 31.1 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 54.883 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU055502.D

Acq: 25 Sep 2023 18:00

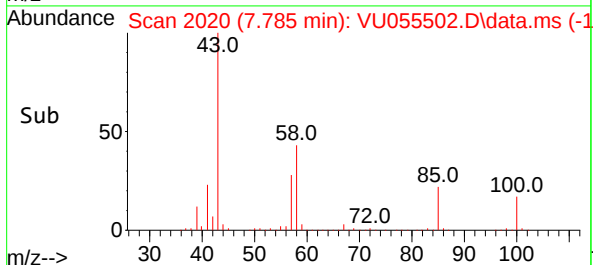
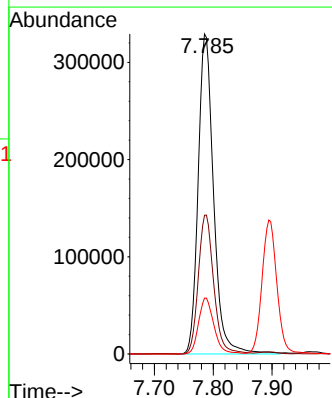
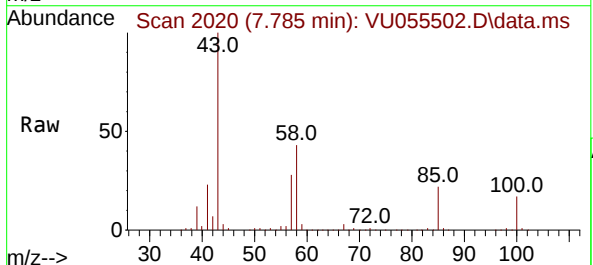
Tgt Ion: 43 Resp: 599968

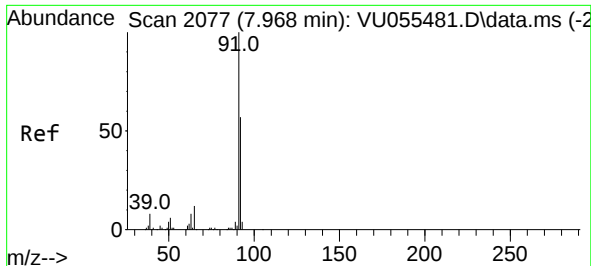
Ion Ratio Lower Upper

43 100

58 43.4 34.2 51.4

100 17.3 13.4 20.0





#42

Toluene

Concen: 5.305 ug/L

RT: 7.965 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VU055502.D

Acq: 25 Sep 2023 18:00

Instrument :

MSVOA_U

ClientSampleId :

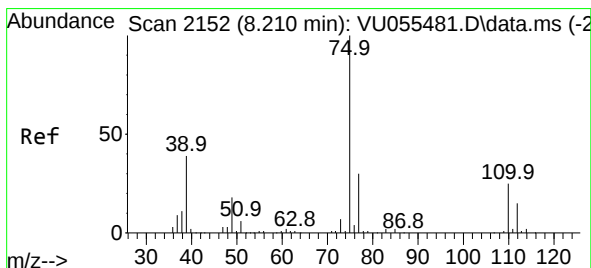
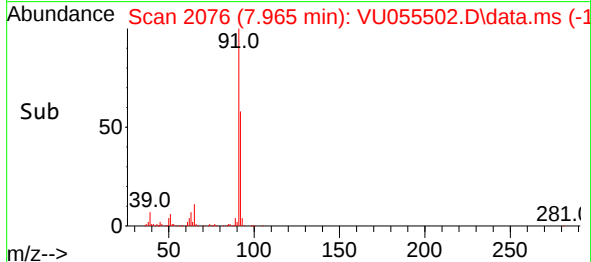
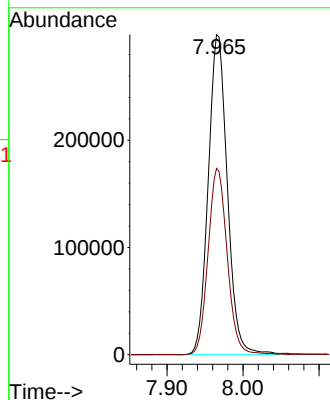
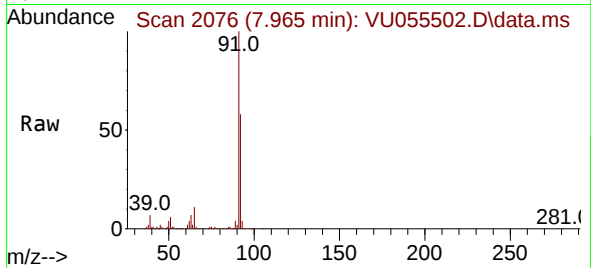
EYJ10MSD

Tgt Ion: 91 Resp: 521470

Ion Ratio Lower Upper

91 100

92 58.3 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.466 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.003 min

Lab File: VU055502.D

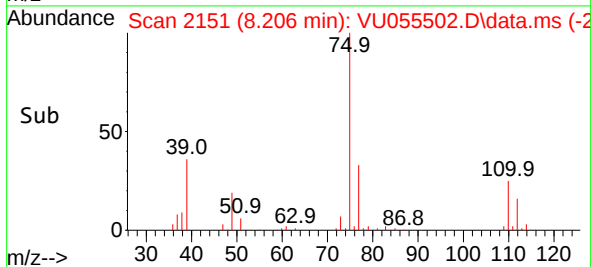
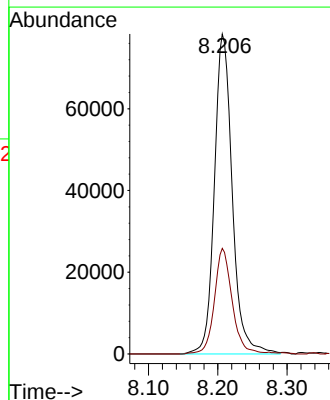
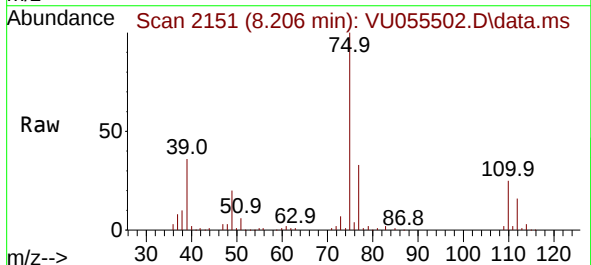
Acq: 25 Sep 2023 18:00

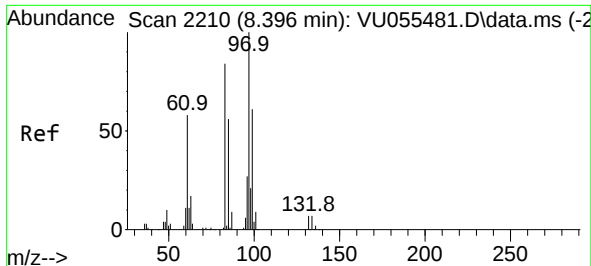
Tgt Ion: 75 Resp: 140664

Ion Ratio Lower Upper

75 100

77 33.0 21.8 40.4

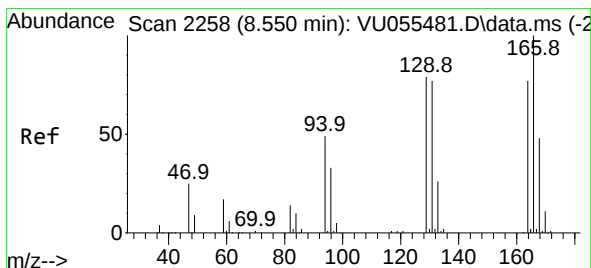
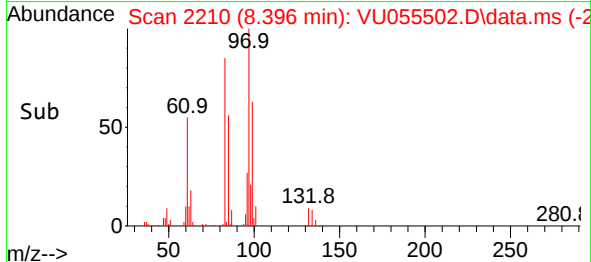
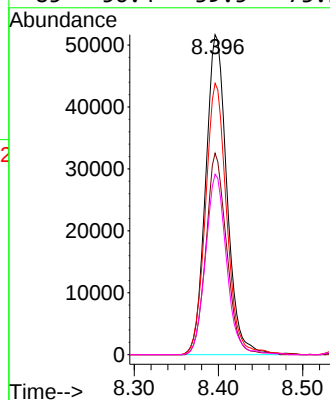
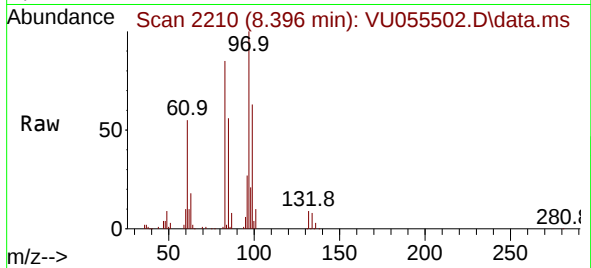




#45
1,1,2-Trichloroethane
Concen: 5.363 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

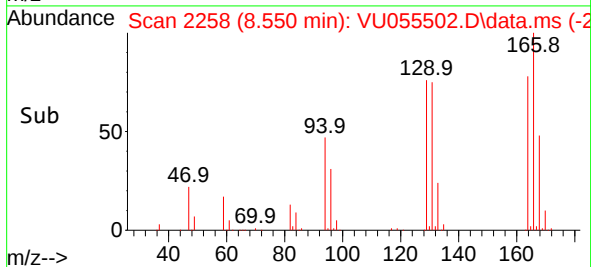
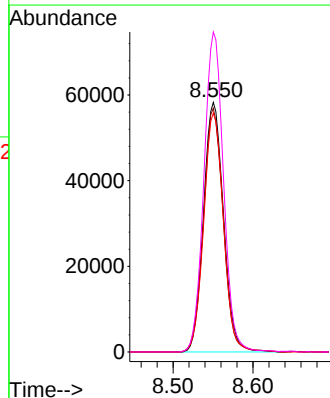
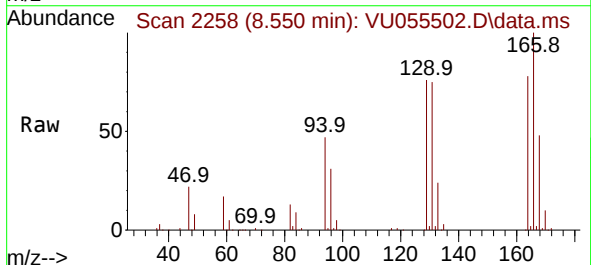
Instrument :
MSVOA_U
ClientSampleId :
EYJ10MSD

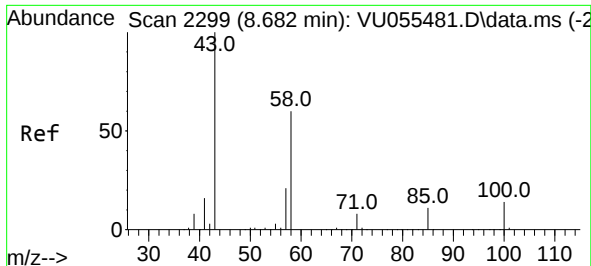
Tgt Ion:	97	Resp:	90614
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.1	81.9
83	84.8	61.5	114.1
85	56.4	39.5	73.3



#47
Tetrachloroethene
Concen: 5.423 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

Tgt Ion:	164	Resp:	101397
Ion	Ratio	Lower	Upper
164	100		
129	97.6	67.4	125.2
131	95.7	66.4	123.2
166	128.2	88.8	165.0

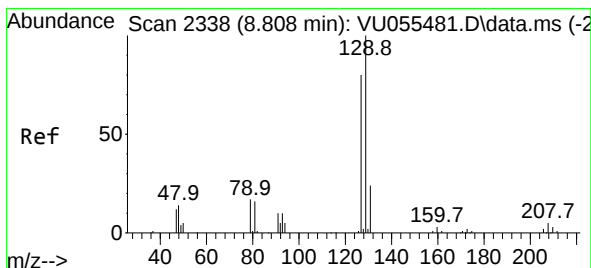
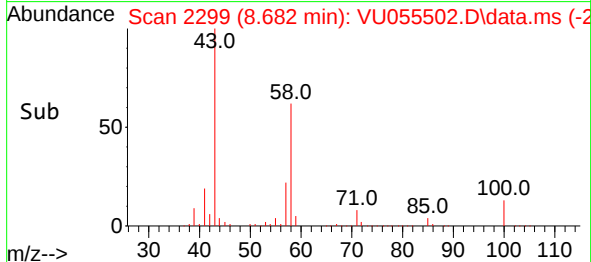
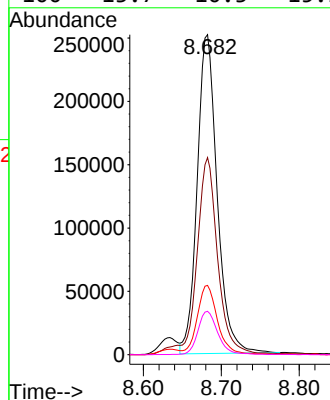
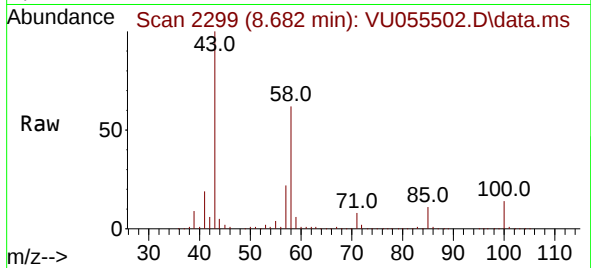




#48
2-Hexanone
Concen: 53.024 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

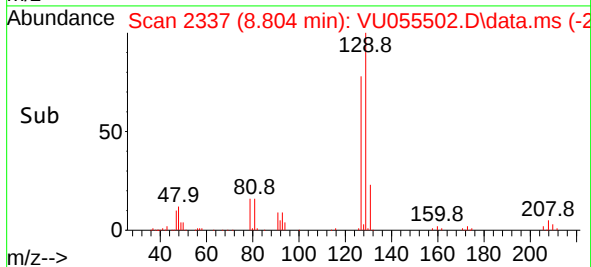
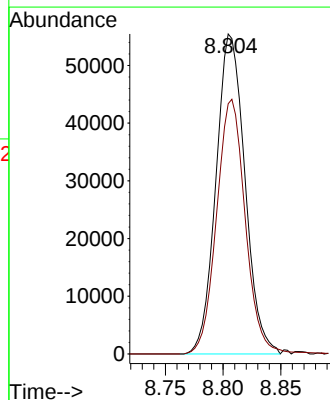
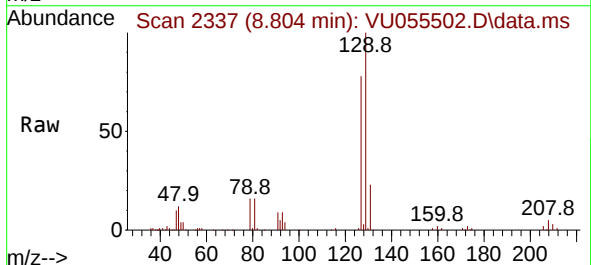
Instrument :
MSVOA_U
ClientSampleId :
EYJ10MSD

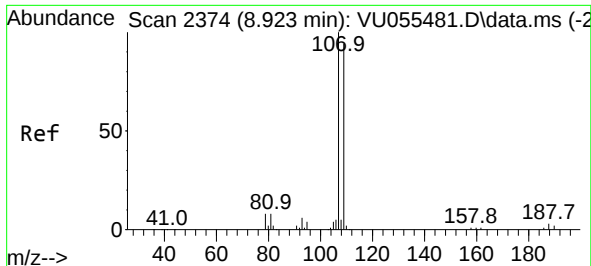
Tgt Ion: 43 Resp: 449231
Ion Ratio Lower Upper
43 100
58 65.5 48.5 72.7
57 21.9 17.0 25.4
100 13.7 10.3 15.5



#49
Dibromochloromethane
Concen: 5.460 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.003 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

Tgt Ion:129 Resp: 96718
Ion Ratio Lower Upper
129 100
127 78.2 56.8 105.6





#50

1,2-Dibromoethane

Concen: 5.486 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055502.D

Acq: 25 Sep 2023 18:00

Instrument :

MSVOA_U

ClientSampleId :

EYJ10MSD

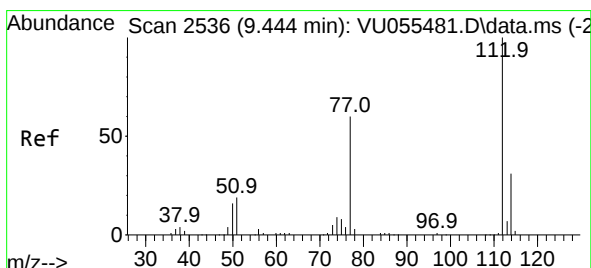
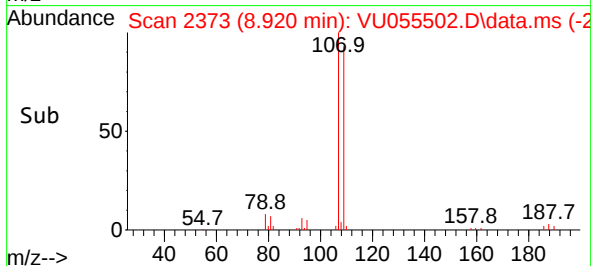
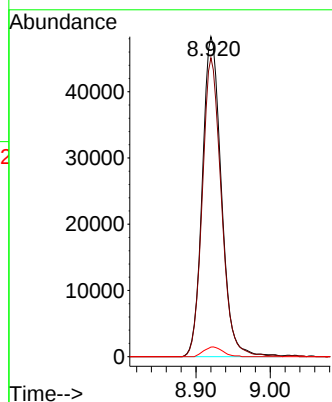
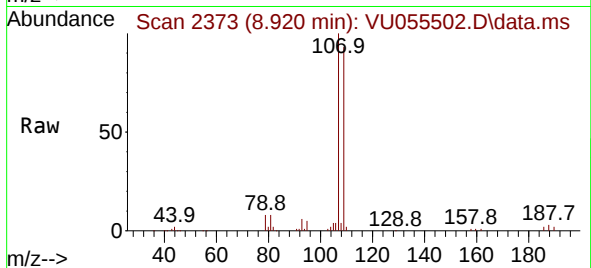
Tgt Ion:107 Resp: 86021

Ion Ratio Lower Upper

107 100

109 93.4 66.1 122.8

188 3.0 3.2 4.8#



#51

Chlorobenzene

Concen: 5.246 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU055502.D

Acq: 25 Sep 2023 18:00

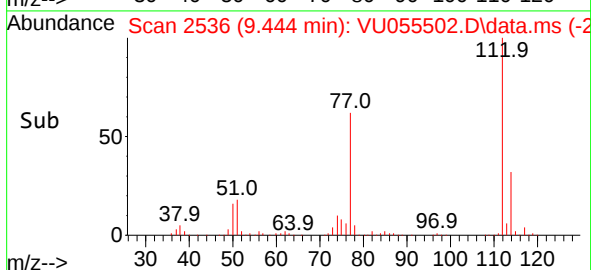
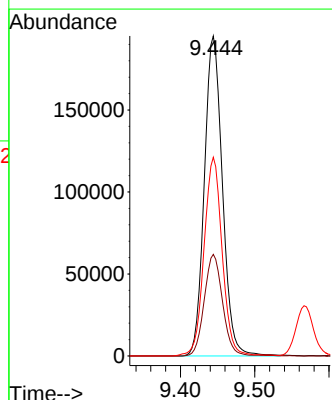
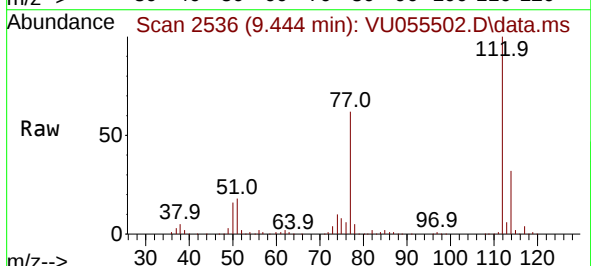
Tgt Ion:112 Resp: 330267

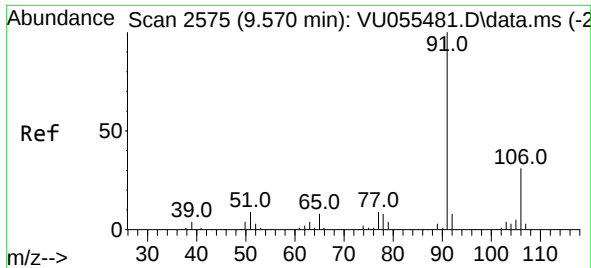
Ion Ratio Lower Upper

112 100

114 31.7 22.0 40.8

77 62.1 46.9 70.3

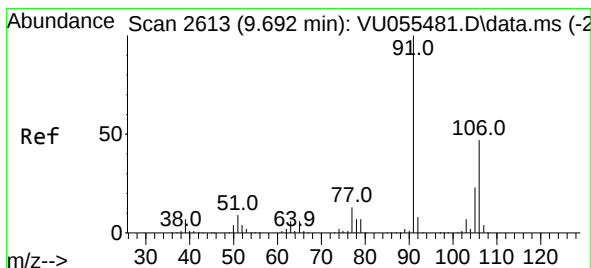
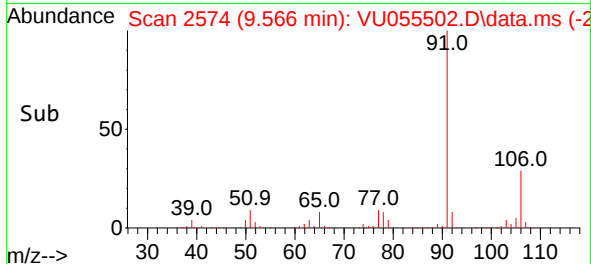
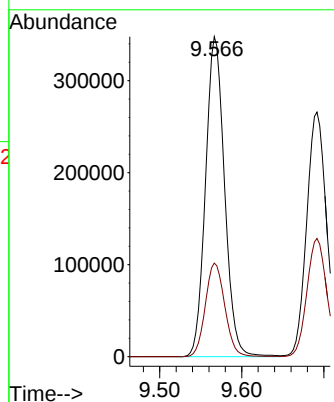
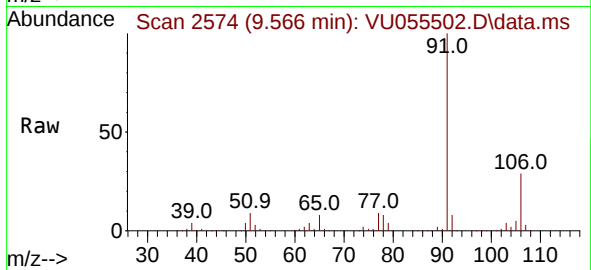




#52
Ethylbenzene
Concen: 5.334 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

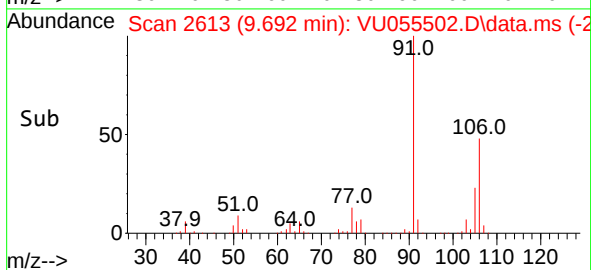
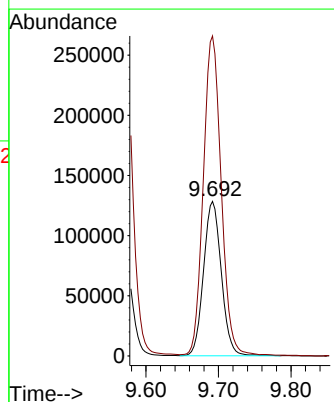
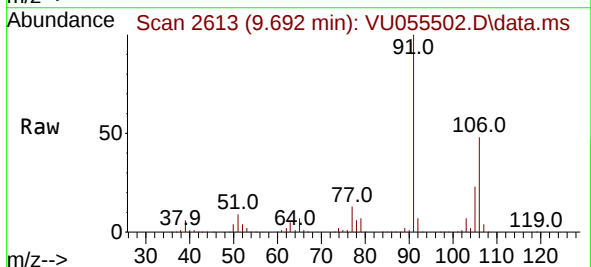
Instrument :
MSVOA_U
ClientSampleId :
EYJ10MSD

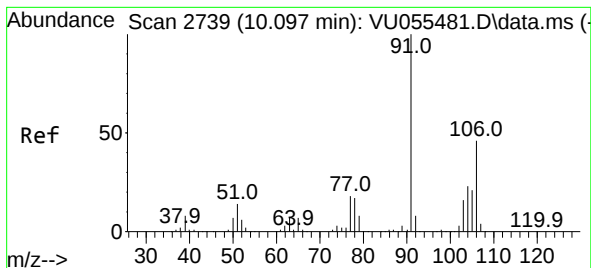
Tgt Ion: 91 Resp: 562008
Ion Ratio Lower Upper
91 100
106 29.3 22.4 41.6



#53
m,p-Xylene
Concen: 5.529 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

Tgt Ion: 106 Resp: 218321
Ion Ratio Lower Upper
106 100
91 207.0 144.8 269.0





#54

o-Xylene

Concen: 5.432 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055502.D

Acq: 25 Sep 2023 18:00

Instrument :

MSVOA_U

ClientSampleId :

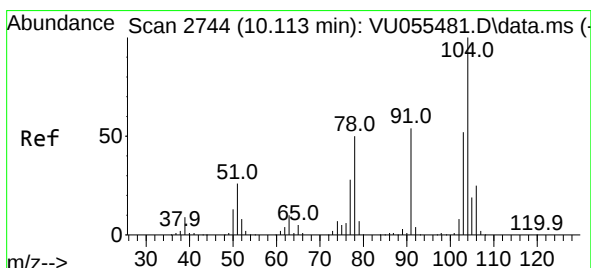
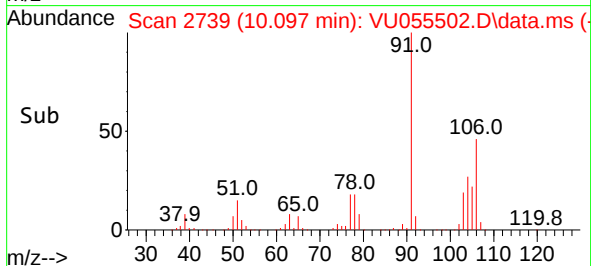
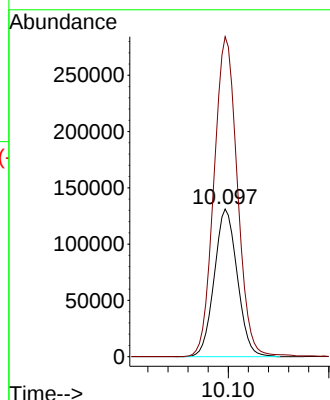
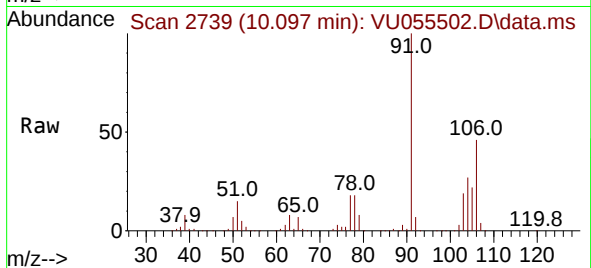
EYJ10MSD

Tgt Ion:106 Resp: 208559

Ion Ratio Lower Upper

106 100

91 216.7 157.6 292.8



#55

Styrene

Concen: 5.642 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.000 min

Lab File: VU055502.D

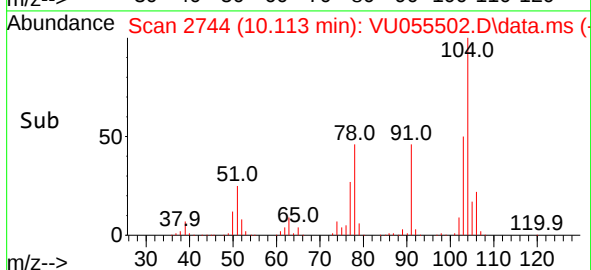
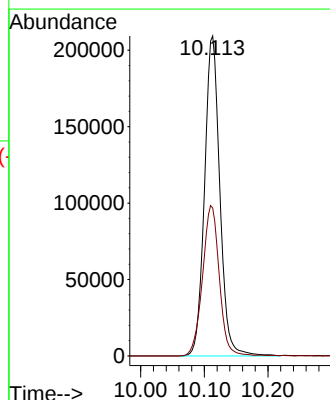
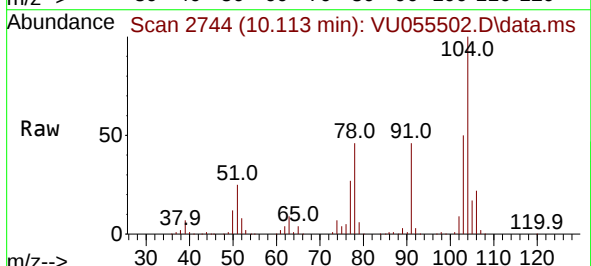
Acq: 25 Sep 2023 18:00

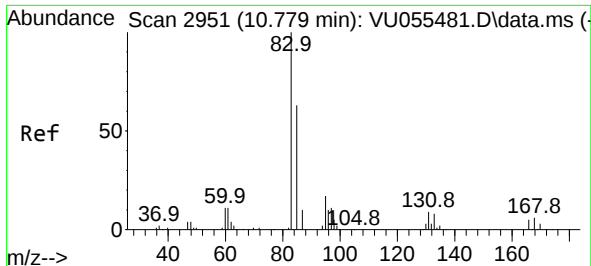
Tgt Ion:104 Resp: 350222

Ion Ratio Lower Upper

104 100

78 46.2 31.2 58.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.534 ug/L

RT: 10.779 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU055502.D

Acq: 25 Sep 2023 18:00

Instrument :

MSVOA_U

ClientSampleId :

EYJ10MSD

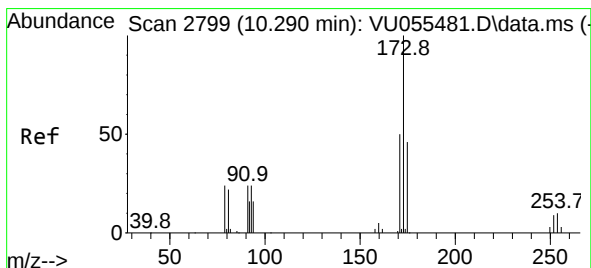
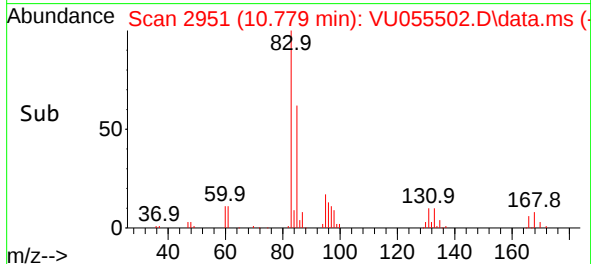
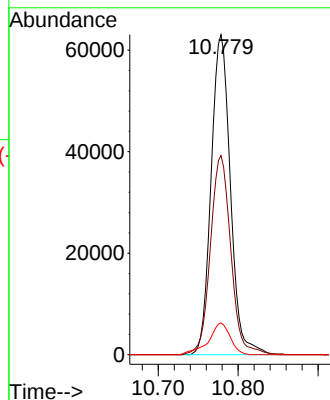
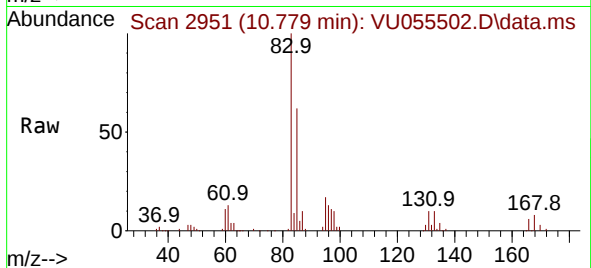
Tgt Ion: 83 Resp: 105557

Ion Ratio Lower Upper

83 100

85 62.2 44.4 82.5

131 9.9 7.4 11.2



#59

Bromoform

Concen: 5.662 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. -0.003 min

Lab File: VU055502.D

Acq: 25 Sep 2023 18:00

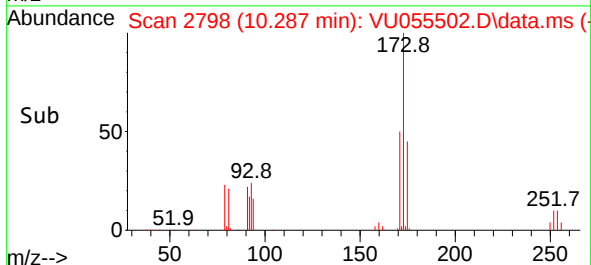
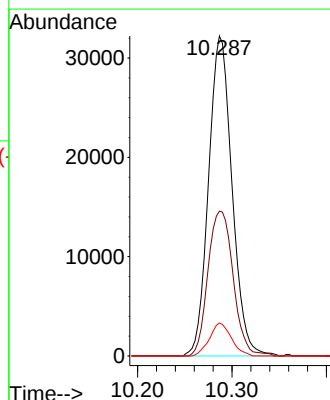
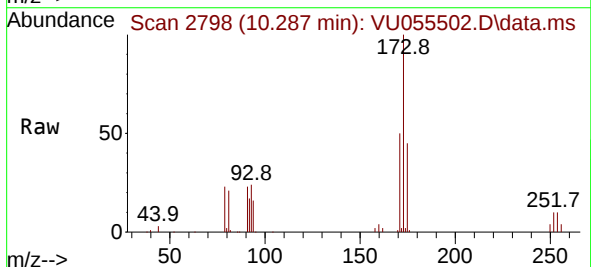
Tgt Ion:173 Resp: 55574

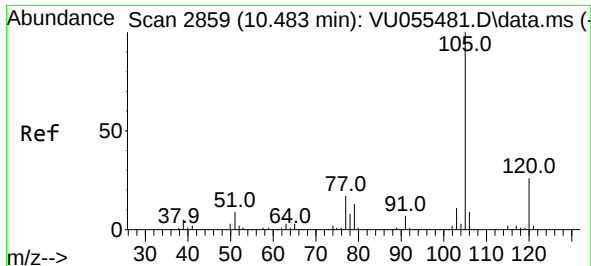
Ion Ratio Lower Upper

173 100

175 48.6 39.4 59.2

254 9.6 7.3 10.9

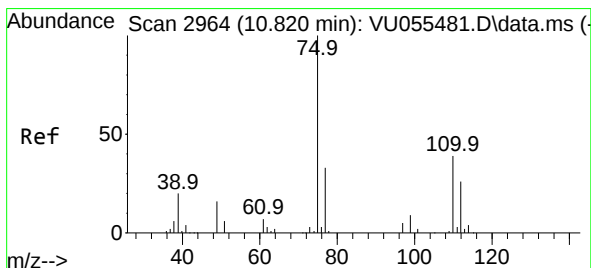
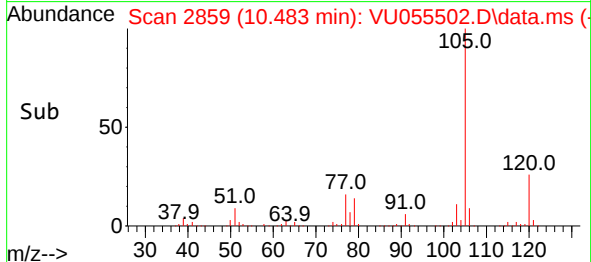
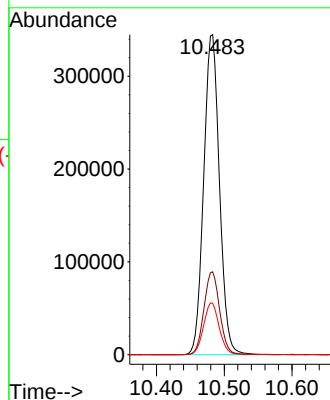
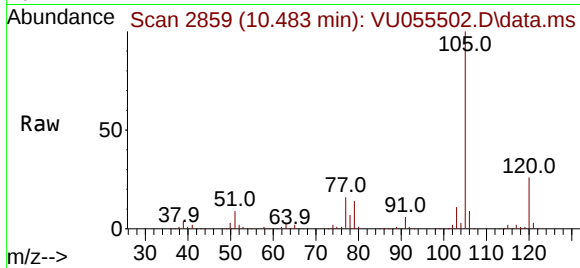




#60
Isopropylbenzene
Concen: 5.274 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

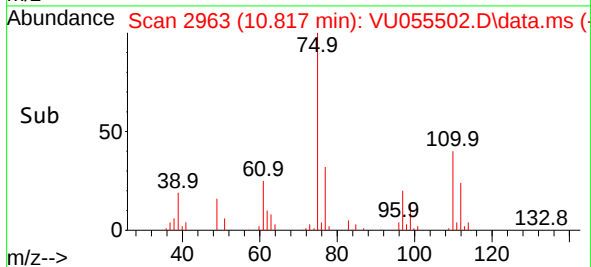
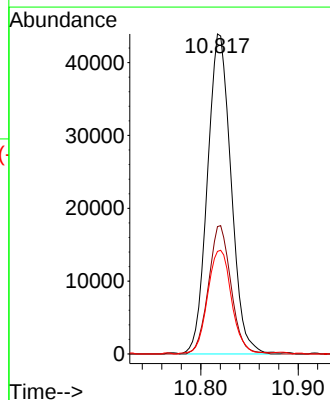
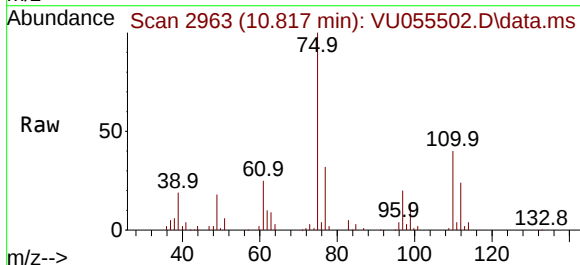
Instrument :
MSVOA_U
ClientSampleId :
EYJ10MSD

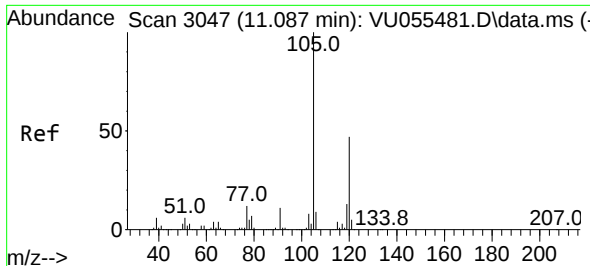
Tgt Ion:105 Resp: 556636
Ion Ratio Lower Upper
105 100
120 25.8 20.8 31.2
77 16.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.174 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

Tgt Ion: 75 Resp: 73972
Ion Ratio Lower Upper
75 100
110 38.2 30.6 45.8
77 33.0 26.7 40.1

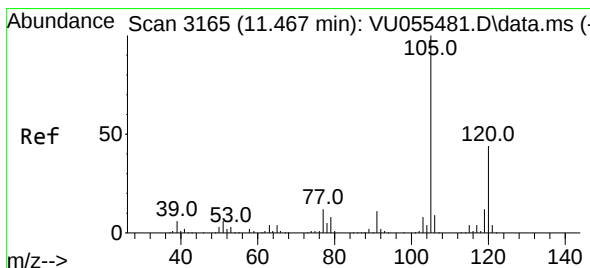
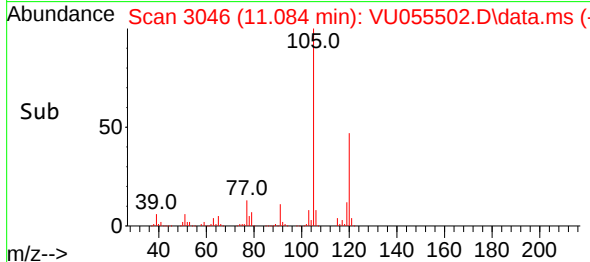
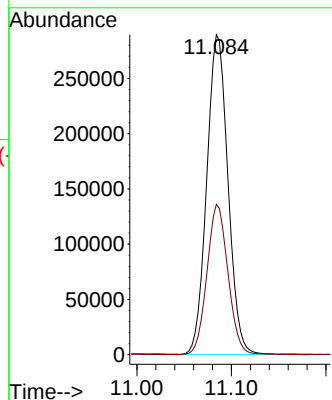
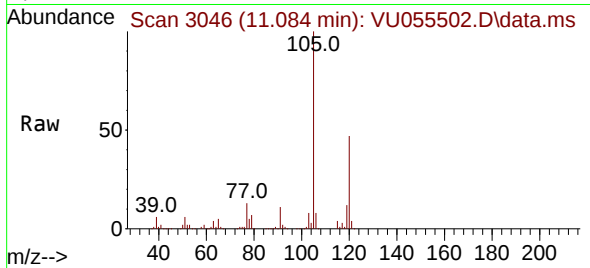




#62
 1,3,5-Trimethylbenzene
 Concen: 5.335 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.003 min
 Lab File: VU055502.D
 Acq: 25 Sep 2023 18:00

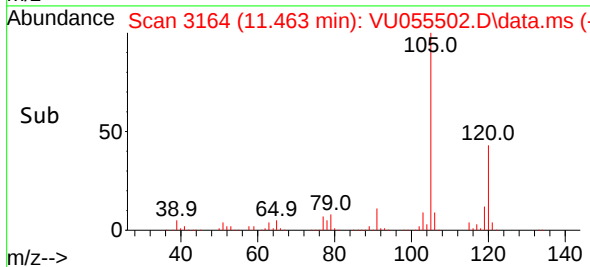
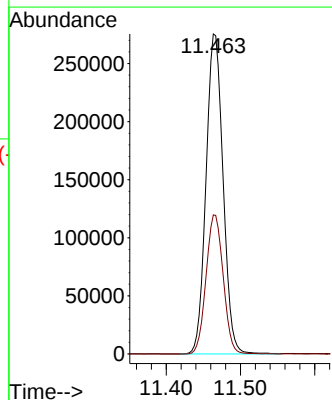
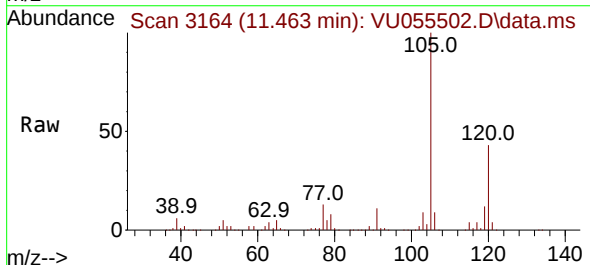
Instrument :
 MSVOA_U
 ClientSampleId :
 EYJ10MSD

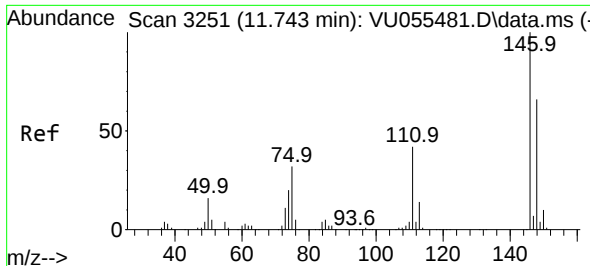
Tgt Ion:105 Resp: 450324
 Ion Ratio Lower Upper
 105 100
 120 46.8 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.303 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. -0.003 min
 Lab File: VU055502.D
 Acq: 25 Sep 2023 18:00

Tgt Ion:105 Resp: 438097
 Ion Ratio Lower Upper
 105 100
 120 43.7 34.9 52.3

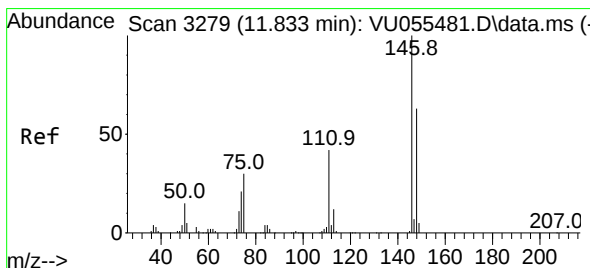
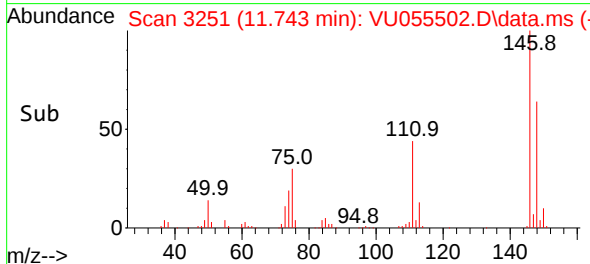
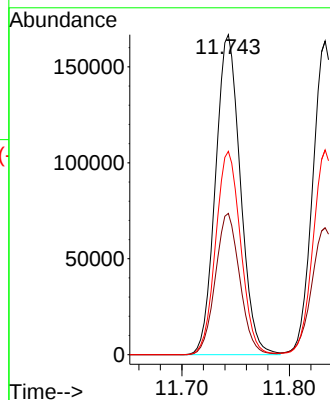
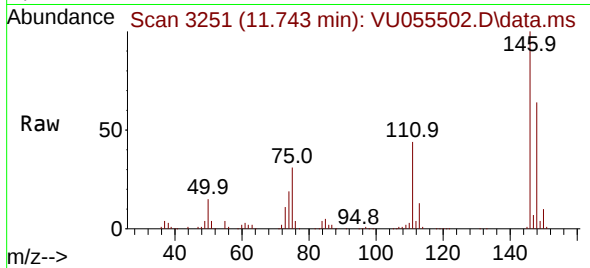




#64
1,3-Dichlorobenzene
Concen: 5.306 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

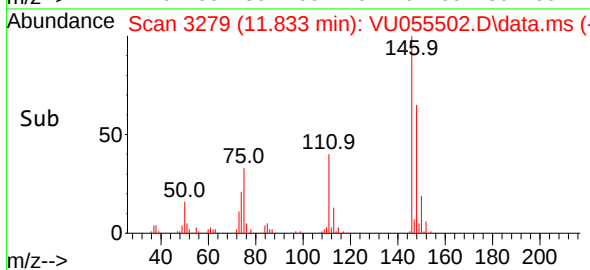
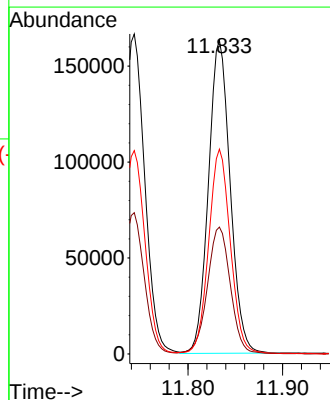
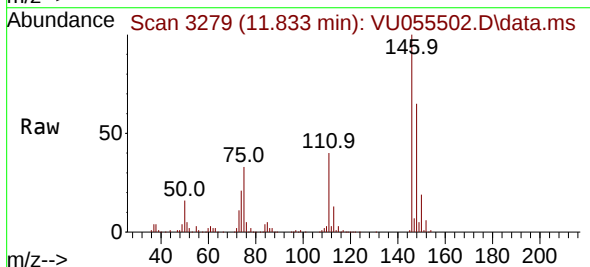
Instrument :
MSVOA_U
ClientSampleId :
EYJ10MSD

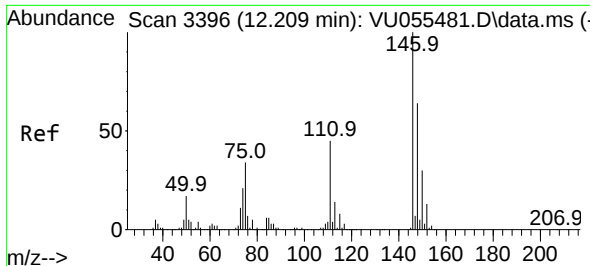
Tgt Ion:146 Resp: 268119
Ion Ratio Lower Upper
146 100
111 44.2 28.8 53.6
148 63.5 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 5.162 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

Tgt Ion:146 Resp: 260727
Ion Ratio Lower Upper
146 100
111 40.5 29.0 53.8
148 65.3 45.4 84.4

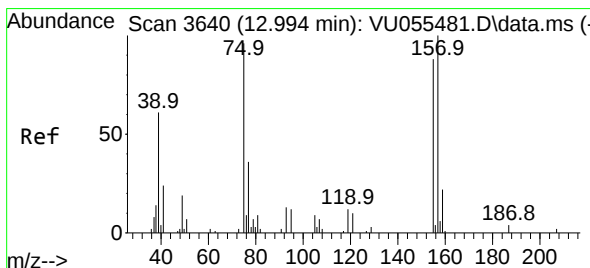
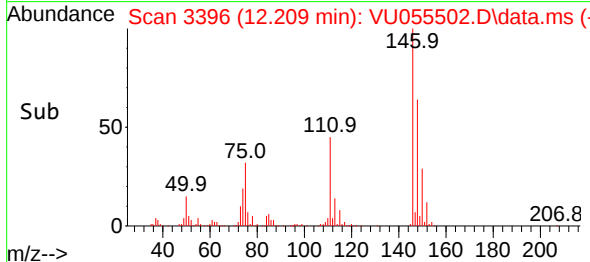
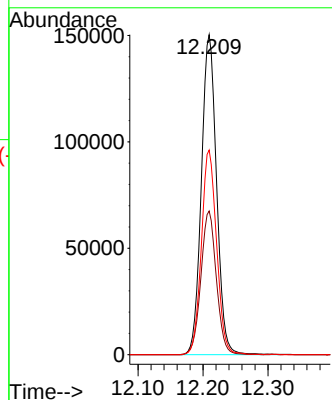
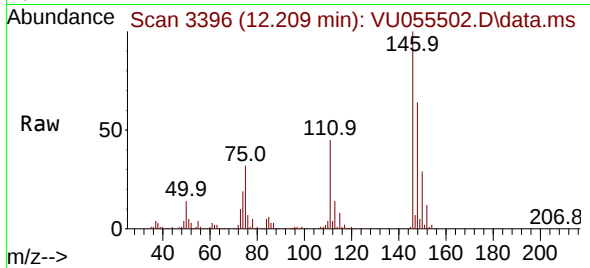




#67
1,2-Dichlorobenzene
Concen: 5.287 ug/L
RT: 12.209 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

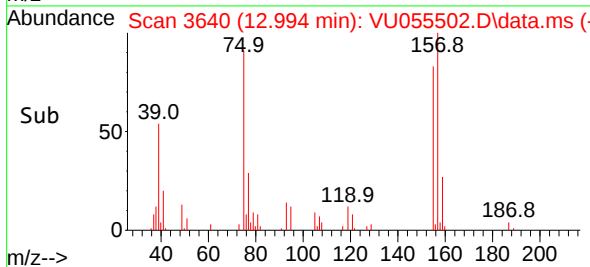
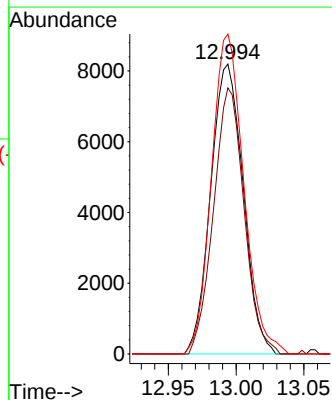
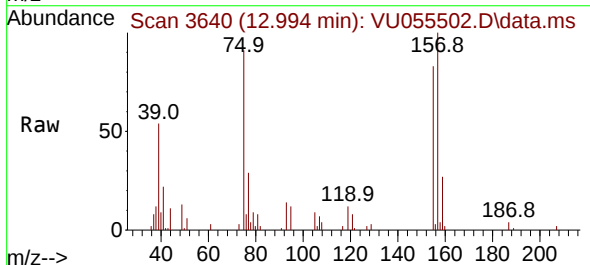
Instrument :
MSVOA_U
ClientSampleId :
EYJ10MSD

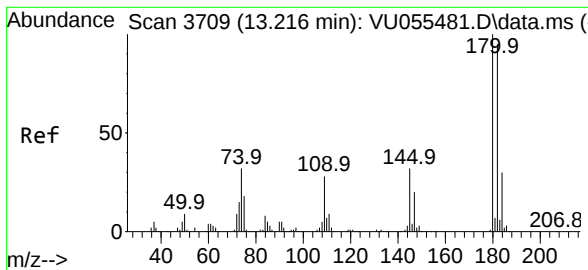
Tgt Ion:146 Resp: 244962
Ion Ratio Lower Upper
146 100
111 44.9 34.6 52.0
148 64.0 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 5.520 ug/L
RT: 12.994 min Scan# 3640
Delta R.T. 0.000 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

Tgt Ion: 75 Resp: 13678
Ion Ratio Lower Upper
75 100
155 91.8 69.2 103.8
157 110.4 81.9 122.9

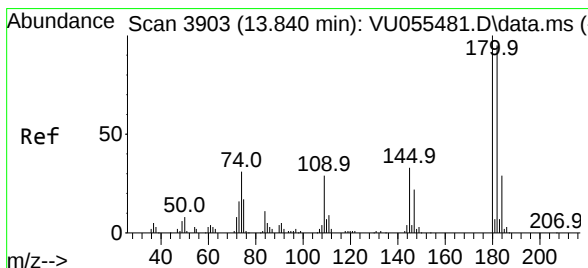
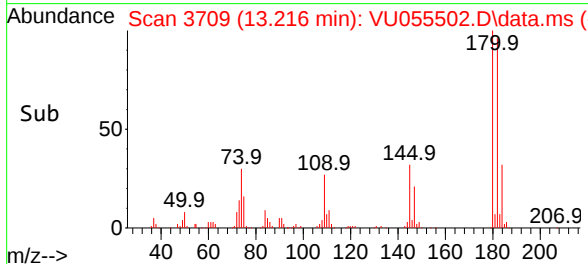
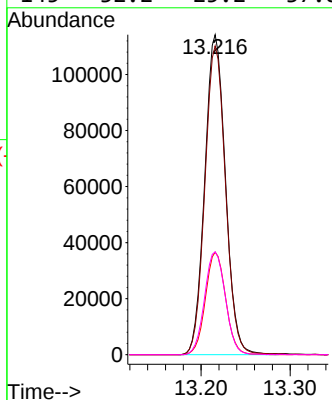
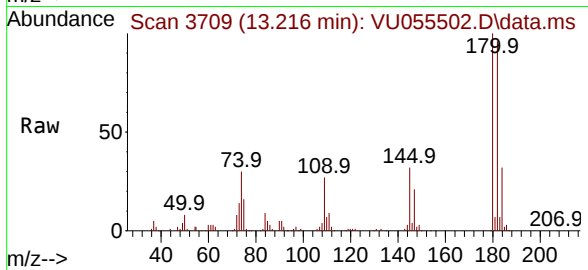




#69
 1,3,5-Trichlorobenzene
 Concen: 5.306 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU055502.D
 Acq: 25 Sep 2023 18:00

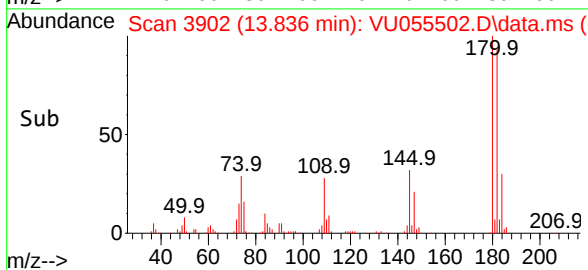
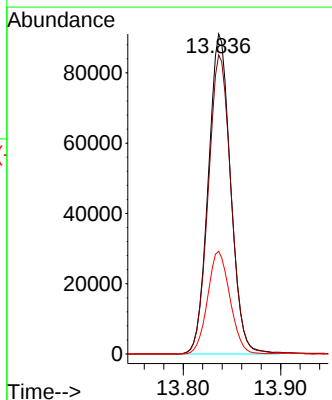
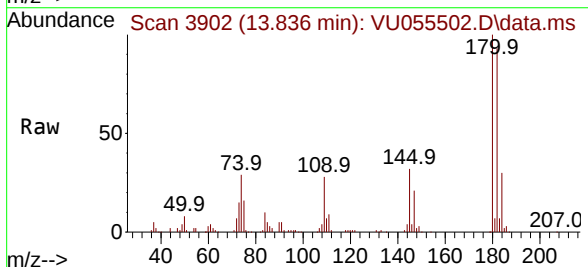
Instrument :
 MSVOA_U
 ClientSampleId :
 EYJ10MSD

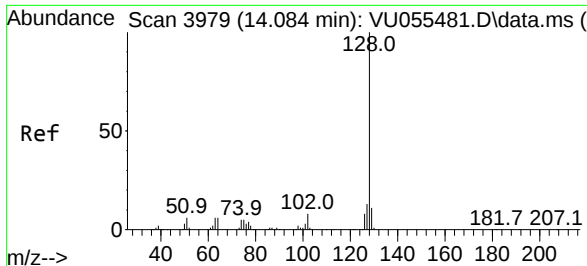
Tgt Ion:180 Resp: 184647
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.1 115.7
 184 31.2 24.0 36.0
 145 32.2 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.440 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.003 min
 Lab File: VU055502.D
 Acq: 25 Sep 2023 18:00

Tgt Ion:180 Resp: 144336
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.4 114.6
 145 32.3 25.4 38.0

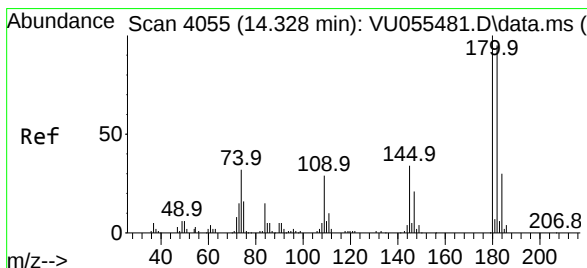
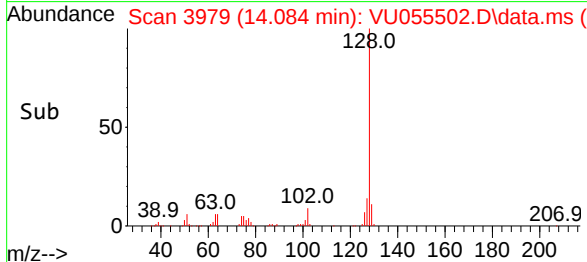
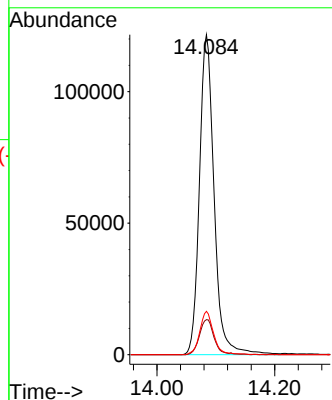
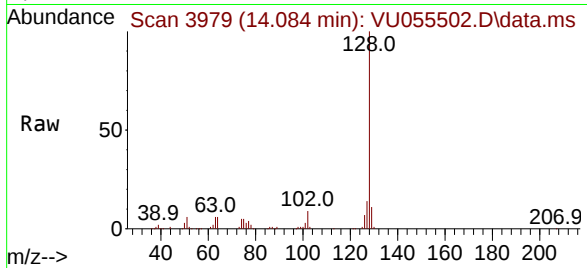




#71
Naphthalene
Concen: 5.476 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

Instrument :
MSVOA_U
ClientSampleId :
EYJ10MSD

Tgt Ion:128 Resp: 210344
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.467 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU055502.D
Acq: 25 Sep 2023 18:00

Tgt Ion:180 Resp: 126220
Ion Ratio Lower Upper
180 100
182 97.6 76.2 114.4
145 35.2 26.0 39.0

